# Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CULTURE VAG-URETHRAL-GC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>1247</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>SWAB</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>1247</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL CX (1)</td>
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</tbody>
</table>

**TESTS:** No tests in this specimen

**ASTM/HL7/SDF 1:** 1247

**CPL:** 6052

**ZCPL:** 6052

**VALID ICD-9 CODES:** No

**VALID ICD-10 CODES:** No

**NOTES:**

Patient Preparation:

Collected in Doctor's office

Specimen Collection:

Dual culture swab in transport media

Specimen Processing:

Inoculated swab in transport media. Room temperature.

Conditions for specimen transportation:

Room temperature

Specimen Acceptability:

1 day room temperature samples received 24-48 hours after collection will be reported with the following comment: "specimen was not received into the laboratory within 24 hours. Some organisms may have significant loss of viability. Recollection should be considered."

Specimen rejection:

- Will reject viral transport media, swabs collected more than 2 days prior to submission, dry swabs, non-sterile or leaking containers, expired transport media, frozen specimens, specimens in fixative (formalin), swabs not submitted in transport media, or specimens submitted in tissue paper.

Methodology:

standard culture methodology screens routinely for beta-strep group b, neisseria gonorrhoeae, listeria, gardnerella, yeast (not speciated)

**Specimen referral:**

Clinical Pathology Laboratories

---

Patient Preparation:

Collected in Doctor's office

Specimen Collection:

Dual culture swab in transport media

Specimen Processing:

Inoculated swab in transport media. Room temperature.

Conditions for specimen transportation:

Room temperature

Specimen Acceptability:

1 day room temperature samples received 24-48 hours after collection will be reported with the following comment: "specimen was not received into the laboratory within 24 hours. Some organisms may have significant loss of viability. Recollection should be considered."

Specimen rejection:

- Will reject viral transport media, swabs collected more than 2 days prior to submission, dry swabs, non-sterile or leaking containers, expired transport media, frozen specimens, specimens in fixative (formalin), swabs not submitted in transport media, or specimens submitted in tissue paper.

Methodology:

standard culture methodology screens routinely for beta-strep group b, neisseria gonorrhoeae, listeria, gardnerella, yeast (not speciated)

**Specimen referral:**

Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>GLUCOSE BLOOD FASTING</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<tr>
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<tr>
<td>TUBE/CONTAINER:</td>
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<tr>
<td>TESTS:</td>
<td>Glucose Fasting</td>
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<td>CPL:</td>
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<td>LABCORP:</td>
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<td>ZCPL:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Patient Preparation: Patient should fast for 12 hours preceding collection of specimen. Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample. Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection. Specimen Acceptability: SST - SERUM Freeze Thaw Cycle: 1 cycle Specimen Rejection: Lipemia, Improper Container or Labeling. Methodology: Glucose Oxidase Specimen Referral: None</td>
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### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>GLUCOSE BLOOD RANDOM</th>
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<tr>
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<td>TESTS:</td>
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<td>NOTES:</td>
<td>Patient Preparation: None</td>
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</table>

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:** Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:** Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Lipemia, Improper Container or Labeling.

**Methodology:** Glucose Oxidase

**Specimen Referral:** None
NAME: WET PREP (MICROSCOPIC)
ABBREVIATION: 1305
SPECIMEN TYPE: VAGINAL
STORAGE TEMP: RM TEMP
CPT CODE(S): 1305
INSTRUMENT/LOC: MICROBIOLOGY
TUBE/CONTAINER: VIAL W/SAL (1)
TESTS: WP Yeast, WP Trichomonas, WP Clue Cells, WP WBC, WP RBC, WP Bacteria, WP Epithelial Cells
INFORMATION: Send properly label vial with few drops of saline, Room Temp. Process ASAP.
ASTM/HL7/SDF 1: 1305
CPL: 6105
ZCPL: 6105
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation:
None
Test includes:
Trichomonas; Yeast; Clue Cells
Specimen collection:
Collect vaginal secretions with a sterile swab. Place in a plain red top tube with no preservatives, additives or gel. Add 0.5 ml of normal saline. Transport to lab within one hour.
Specimen storage and preservation:
After testing, specimen is discarded
Conditions for specimen transportation:
Room temperature
Specimen processing:
None
Specimen acceptability:
Must be received within 1 hour of collection
Specimen rejection:
Specimens older than one hour; Specimen collected in a preserved tube.
Freeze/Thaw:
None
Methodology:
Manual (Microscopy)
Specimen referral: None
**NAME:** BASIC METABOLIC PANEL  
**ABBREVIATION:** 80048  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 80048  
**INSTRUMENT/LOC:** DXC  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** Sodium, Potassium, Chloride, CO2, Glucose, Blood, BUN, Creatinine, Serum, Calcium, eGFR Non-Black, eGFR Black, AGAP  
**ASTM/HL7/SDF 1:** 80048  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
**Patient Preparation:** None  
**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum  
**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
**Specimen Storage and Preservation:**  
- Room Temperature (15 to 30°C) 8 hours  
- Refrigerated (2 to 8°C) 2 days  
- Frozen Aliquot (-20°C) 7 days  
**Conditions for Specimen Transportation:**  
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
**Specimen Acceptability:** SST - SERUM  
**Freeze Thaw Cycle:** 1 cycle  
**Specimen Rejection:** Gross Hemolysis, Lipemia, Improper Container or Labeling.  
**Methodology:** See individual tests.  
**Specimen Referral:** None
NAME: ELECTROLYTE PANEL
ABBREVIATION: 80051
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 80051
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Sodium, Potassium, Chloride, CO2, AGAP
ASTM/HL7/SDF 1: 80051
CPL: 115
ZCPL: 115
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.
Methodology: See individual tests.
Specimen Referral: None
## Order Choice Information

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<thead>
<tr>
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<tr>
<td>ABBREVIATION: 80053</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<td>CPT CODE(S): 80053</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: DXC</td>
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<tr>
<td>TUBE/CONTAINER: LT GRN (1)</td>
</tr>
<tr>
<td>TESTS: Sodium, Potassium, Chloride, CO2, Glucose, Blood, BUN, Creatinine, Serum, Calcium, Total Protein, Albumin, Bilirubin, Total, AST / SGOT, ALT / SGPT, Alkaline Phosphatase, eGFR Non-Black, eGFR Black, AGAP</td>
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<tr>
<td>ASTM/HL7/SDF 1: 80053</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>NOTES:</td>
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<tr>
<td>Patient Preparation: None</td>
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</table>

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.

Methodology: See individual tests.

Specimen Referral: None
Order Choice Information

NAME: LIPID PANEL  
ABBREVIATION: 80061  
SPECIMEN TYPE: Serum  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 80061  
INSTRUMENT/LOC: DL2000  
TUBE/CONTAINER: LT GRN (1)  
TESTS: Patient Fasting?, Cholesterol, Triglyceride, HDL, % HDL, LDL, VLDL, NON-HDL  
ASTM/HL7/SDF 1: 80061  
LABCORP: 303756  
VALID ICD-9 CODES: Yes  
VALID ICD-10 CODES: Yes  
NOTES:  
Patient Preparation: Patient should fast for 12 hours preceding collection of specimen.  
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 2 days  
Frozen Aliquot (-20°C) 7 days  

Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling.  
Methodology: See individual tests.  
Specimen Referral: None
Order Choice Information

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<tr>
<th>NAME:</th>
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<tr>
<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>NOTES:</td>
<td>Patient Preparation: None</td>
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</table>

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**

- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**

- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Hemolysis, Lipemia, Icteric, Improper Container or Labeling.

**Methodology:** See individual tests.

**Specimen Referral:** None
## Order Choice Information

**NAME:** ACUTE HEPATITIS PANEL  
**ABBREVIATION:** 80074  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 80074  
**INSTRUMENT/LOC:** EVOLIS  
**TUBE/CONTAINER:** EVOLI GOLD (1)  
**TESTS:** Hepatitis B surface AG, Hepatitis C AB, Hepatitis A IGM AB, Hepatitis B core IGM AB, Reflex to HBSAG Confirm, U-Hepatitis B surface AG, U-Hepatitis C AB, U-Hepatitis A IGM AB, U-Hepatitis B core IGM AB  
**ASTM/HL7/SDF 1:** 80074  
**CPL:** 9325  
**ZCPL:** 9325  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** Yes  
**NOTES:**  
Patient preparation: None  

Test includes:  
- Hepatitis B Surface Antigen; Repeat testing & confirmation if Reactive  
- Hepatitis B Core IgM Antibody; Hepatitis A IgM Antibody  
- Hepatitis C Antibody; Repeat testing if Reactive  

Specimen collection: Serum – Gold top (SST)  

Specimen storage and preservation: After testing, refrigerated 1 week  

Conditions for specimen transportation:  
- Room temp up to 8 hours; Refrigerated up to 7 days  

Specimen processing:  
- Centrifuge @ 3000 rpm for 10 minutes. Refrigerate sample if it is not transfer to the lab within 8 hours  

Specimen acceptability: Serum  

Specimen rejection:  
- Samples that are left at room temperature over 8 hours or kept refrigerated longer than 7 days.  

Freeze/Thaw: 5 Cycles  

Methodology: Enzyme Immunoassay (EIA)  

Specimen referral:  
- Reactive HBsAg or Hepatitis C are reported to the Texas Department of State and Health services
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>LIVER PANEL (HEPATIC)</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<td>INSTRUMENT/LOC:</td>
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<tr>
<td>TUBE/CONTAINER:</td>
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<tr>
<td>TESTS:</td>
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<td>NOTES:</td>
<td>Patient Preparation: None</td>
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</table>

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.

Methodology: See individual tests.

Specimen Referral: None
<table>
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<tr>
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<td><strong>Specimen Collection:</strong></td>
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<td>Serum separator tube</td>
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<tr>
<td><strong>Specimen Processing:</strong></td>
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<tr>
<td>4 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
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<tr>
<td><strong>Volume</strong></td>
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<td>4 mL</td>
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<td><strong>Conditions for specimen transportation:</strong></td>
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<td>Refrigerated</td>
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<td>Hemolysis</td>
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<tr>
<td>Clinical Pathology Laboratories</td>
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</table>
Order Choice Information

NAME: AMITRIPTYLINE (ELAVIL)
ABBREVIATION: 80152
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 80152
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C3013 PLR (1), C3013A SRM REF (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 80152
CPL: 3013
ZCPL: 3013
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation:
Specimen Collection:
Plain red top tube

Specimen Processing:
2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transport:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated

Specimen Rejection:
Will not reject due to hemolysis
Will not reject due to lipemia
Will reject sample collected in serum separator tube

Methodology
High performance liquid chromatography

Specimen Referral:
Clinical Pathology Laboratories
**NAME:** KLOPONIP (CLONAZEPAM)  
**ABBREVIATION:** 80154  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 80154  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5822 PLR (1), C5822A SRM (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 80154  
**CPL:** 5822  
**ZCPL:** 5822  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Patient Preparation:  
Specimen Collection:  
Plain red top tube  
Specimen Processing:  
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.  
Volume  
0.5 mL serum  
Conditions for specimen transportaion:  
Refrigerated  
Specimen Acceptability:  
2 days room temperature; 2 weeks refrigerated; 2 weeks frozen  
Specimen Rejection:  
Will not reject due to hemolysis  
Will not reject due to lipemia  
Will reject sample collected in serum separator tube  
Methodology  
Hplc  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: TEGRETOL (CARBEMAZEPINE)
ABBREVIATION: 80156
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 80156
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: DXC ALQ (1), PL RED (1)
TESTS: Tegretol Total (Carb)
ASTM/HL7/SDF 1: 80156
CPL: 3025
ZCPL: 3025
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Plain Red Top only - Serum
Specimen Processing: Allow to clot in up right position for at least 30 minutes, then centrifuge sample and aliquot.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: Plain Red Top - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.
Methodology: Immunoturbidimetric
Specimen Referral: None
NAME: CYCLOSPORINE  
ABBREVIATION: 80158  
SPECIMEN TYPE: EDTA WB  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 80158  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL LAV (1)  
TESTS: CYCLOSPORIN A  
ASTM/HL7/SDF 1: 80158  
CPL: 5826  
ZCPL: 5826  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES: Specimen Collection:  
EDTA (lavender top) tube  

Specimen Processing:  
3 mL EDTA whole blood. Refrigerate.  

Volume  
150 ul whole blood  

Conditions for specimen transportation:  
Refrigerated  

Specimen Acceptability:  
1 week room temperature; 1 week refrigerated  

Specimen Rejection:  
Gross hemolysis  
clotted samples  

Methodology  
Cedia monoclonal eia quantitative procedure on olympus automated chemistry analyzer  

Specimen Referral:  
Clinical Pathology Laboratories
## Order Choice Information

**NAME:** DESIPRAMINE  
**ABBREVIATION:** 80160  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 80160  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C3028 PLR (1), C3028A SRM (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 80160  
**CPL:** 3028  
**ZCPL:** 3028  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:** Specimen Collection:  
Plain red top tube

Specimen Processsing:  
2 mL serum from a plain red top tube. Allow sample to  
clot in an upright position for at least 60 minutes, then  
centrifuge sample and transfer serum to a plastic transport  
tube within 2 hours of collection. Refrigerate.

Volume  
0.6 mL serum

Conditions for specimen transportaion:  
Refrigerated

Specimen Acceptability:  
2 days room temperature; 2 weeks refrigerated 2 weeks frozen

Specimen Rejection:  
Will not reject due to hemolysis  
Will not reject due to lipemia  
Will reject sample collected in serum separator tube

Methodology  
High performance liquid chromatography

Specimen Referral:  
Clinical Pathology Laboratories
| NAME: DIGOXIN  |
| ABBREVIATION: 80162 |
| SPECIMEN TYPE: Serum |
| STORAGE TEMP: RM TEMP |
| CPT CODE(S): 80162 |
| INSTRUMENT/LOC: DXC |
| TUBE/CONTAINER: LT GRN (1) |
| TESTS: Digoxin (Lanoxin) |
| INFORMATION: Digoxin level is best drawn between 6-8 hours after taken medication. Record the number of hours Post Dose. |
| ASTM/HL7/SDF 1: 80162 |
| CPL: 3034 |
| ZCPL: 3034 |
| VALID ICD-9 CODES: Yes |
| VALID ICD-10 CODES: Yes |
| NOTES: |
| Patient Preparation: None |
| Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum |
| Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample. |
| Specimen Storage and Preservation: |
| Room Temperature (15 to 30°C) 8 hours |
| Refrigerated (2 to 8°C) 2 days |
| Frozen Aliquot (-20°C) 7 days |
| Conditions for Specimen Transportation: |
| Room Temperature (15 to 30°C) if shipping within 8 hours of collection. |
| Refrigerated (2 to 8°C) if shipping after 8 hours of collection. |
| Specimen Acceptability: SST - SERUM |
| Freeze Thaw Cycle: 1 cycle |
| Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling. |
| Methodology: Immunoturbidimetric |
| Specimen Referral: None |
NAME: DEPAKENE (VALPROIC ACID)
ABBREVIATION: 80164
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 80164
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Valproic Acid (Depakote)
ASTM/HL7/SDF 1: 80164
CPL: 3094
ZCPL: 3094
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Improper Container or Labeling.
Methodology: Immunoturbidimetric
Specimen Referral: None
NAME: DOXEPIN  
ABBREVIATION: 80166  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 80166  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: C5832 PLR (1), C5832A SRM (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 80166  
CPL: 5832  
ZCPL: 5832  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Patient Preparation:  
Specimen Collection: Plain red top tube  
Specimen Processing:  
2.5 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.  
Volume  
2.0 mL serum  
Conditions for specimen transportaion: Refrigerated  
Specimen Acceptability:  
2 days room temperature; 2 weeks refrigerated 2 weeks frozen  
Specimen Rejection:  
Will not reject due to hemolysis  
Will not reject due to lipemia  
Will reject samples collected in serum separator tube  
Methodology  
High pressure liquid chromatography (hplc)  
Specimen Referral: Clinical Pathology Laboratories
NAME: ZARONTIN (ETHOSUXIMIDE)
ABBREVIATION: 80168
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 80168
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5838 PLR (1), C5838A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 80168
CPL: 5838
ZCPL: 5838
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated

Specimen Rejection:
Will not reject due to hemolysis
Will not reject due to lipemia
Will reject samples submitted in separator tubes

Methodology
Hplc

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: GENTAMICIN PEAK
ABBREVIATION: 80170
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 80170
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 80170
CPL: 3046
ZCPL: 3046
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation:
Patient needs to be in upright position for 30 mins.

Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Stability
8 hours room temperature; 2 days refrigerated; 1 month frozen

Methodology
Fpia

Specimen Referral:
Clinical Pathology Laboratories
NAME: IMIPRAMINE (TOFRANIL)
ABBREVIATION: 80174
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 80174
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5844 PLR (1), C5844A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 80174
CPL: 5844
ZCPL: 5844
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportaion:
Refrigerated

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated; 2 weeks frozen

Specimen Rejection:
Will not reject due to hemolysis
Will not reject due to lipemia
Will reject samples collected in serum separator tube

Methodology
High performance liquid chromatography

Specimen Referral:
Clinical Pathology Laboratories
NAME: LITHIUM
ABBREVIATION: 80178
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 80178
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 80178
CPL: 2128
LABCORP: 007708
ZCPL: 2128
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:

Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.
For STAT orders, please contact your local CPL laboratory
for local specimen requirements.

Volume
0.5 mL serum

Conditions for specimen transport:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Specimen Rejection:
Hemolysis

Methodology
Olympus au640 quantitative procedure or other automated chemistry method

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: NORTRIPTYLINE (PAMELOR)
ABBREVIATION: 80182
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 80182
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5864 PLR (1), C5864A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 80182
CPL: 5864
ZCPL: 5864
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation:

Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Condition for specimen transportation:
Refrigerated

Specimen Acceptability:
Unacceptable room temperature; 2 weeks refrigerated; 2 weeks frozen

Specimen Rejection:
Will not reject due to hemolysis
Will not reject due to lipemia
Will reject sample collected in serum separator tube

Methodology
High performance liquid chromatography

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: PHENOBARBITOL
ABBREVIATION: 80184
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 80184
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C3061 PLR (1), C3061A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 80184
CPL: 3061
ZCPL: 3061
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Patient Preparation:

Specimen Collection:
Plain red top tube

Specimen Processing:
2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Condition for specimen transportaion:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Methodology
Syva emit 2000 eia quantitative method on olympus or other automated chemistry method. Reference range may vary depending on testing location's methodology.

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME: DILANTIN TOTAL(PHENYTOIN)</th>
<th>ABBREVIATION: 80185</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIMEN TYPE: Serum</td>
<td>STORAGE TEMP: RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S): 80185</td>
<td>INSTRUMENT/LOC: DXC</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
<td>TUBE/CONTAINER: DXC ALQ (1), DXC PL RED (1)</td>
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<tr>
<td>TESTS: Phenytoin (Dilantin)</td>
<td>TESTS: Phenytoin (Dilantin)</td>
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<td>ASTM/HL7/SDF 1: 80185</td>
<td>ASTM/HL7/SDF 1: 80185</td>
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<td>CPL: 3064</td>
<td>CPL: 3064</td>
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<tr>
<td>ZCPL: 3064</td>
<td>ZCPL: 3064</td>
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<td>VALID ICD-9 CODES: No</td>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
<td>VALID ICD-10 CODES: No</td>
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<td>NOTES:</td>
<td>NOTES:</td>
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<tr>
<td>Patient Preparation: None</td>
<td>Patient Preparation: None</td>
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<tr>
<td>Specimen Collection: Plain Red Top only - Serum</td>
<td>Specimen Collection: Plain Red Top only - Serum</td>
</tr>
<tr>
<td>Specimen Processing: Allow Red Top to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
<td>Specimen Processing: Allow Red Top to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
</tr>
<tr>
<td>Specimen Storage and Preservation:</td>
<td>Specimen Storage and Preservation:</td>
</tr>
<tr>
<td>Room Temperature (15 to 30°C) 8 hours</td>
<td>Room Temperature (15 to 30°C) 8 hours</td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C) 2 days</td>
<td>Refrigerated (2 to 8°C) 2 days</td>
</tr>
<tr>
<td>Frozen Aliquot (-20°C) 7 days</td>
<td>Frozen Aliquot (-20°C) 7 days</td>
</tr>
<tr>
<td>Conditions for Specimen Transportation:</td>
<td>Conditions for Specimen Transportation:</td>
</tr>
<tr>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
</tr>
<tr>
<td>Specimen Acceptability: Plain Red Top - SERUM</td>
<td>Specimen Acceptability: Plain Red Top - SERUM</td>
</tr>
<tr>
<td>Freeze Thaw Cycle: 1 cycle</td>
<td>Freeze Thaw Cycle: 1 cycle</td>
</tr>
<tr>
<td>Methodology: Immunoturbidimetric</td>
<td>Methodology: Immunoturbidimetric</td>
</tr>
<tr>
<td>Specimen Referral: None</td>
<td>Specimen Referral: None</td>
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</tbody>
</table>
**Order Choice Information**

**NAME:** DILANTIN FREE (PHENYTOIN)  
**ABBREVIATION:** 80186  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 80186  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5940 PLR (1), C5940A SRM (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 80186  
**CPL:** 5940  
**ZCPL:** 5940  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**

**Patient Preparation:**

Specimen Collection:
Plain red top tube

Specimen Processing:
3 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

**Volume**
0.5 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
2 days room temperature; 2 weeks refrigerated; 2 weeks frozen

**Rejection Criteria**
Will not reject due to hemolysis  
Will not reject due to lipemia  
Will reject sample collected in serum separator tube

**Methodology**
Homogenous enzyme immunoassay

**Specimen Referral:**
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>MYOSILNE (PRIMIDONE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>80188</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>80188</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>C5598 PLR (1), C5598A SRM (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>80188</td>
</tr>
<tr>
<td>CPL:</td>
<td>5598</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Patient Preparation:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
<td>Plain red top tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
<td>1 mL</td>
</tr>
<tr>
<td>Conditions for specimen transportaion:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>After separation from cells: 1 week room</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
# Order Choice Information

**NAME:** PROCAINAMIDE (PRONESTYL)  
**ABBREVIATION:** 80190  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 80190  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C3070 PLR (1), CPL ALQ (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 80190  
**CPL:** 3070  
**ZCPL:** 3070  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
**Patient Preparation:**  
**Specimen Collection:**  
Plain red top tube  
**Specimen Processing:**  
2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.  
**Volume**  
0.5 mL serum  
**Conditions for specimen transportaion:**  
Refrigerated  
**Specimen Acceptability:**  
After separation from cells: 1 week room temperature; 2 weeks refrigerated; 6 months frozen  
**Specimen Rejection:**  
Samples collected in serum separator tube  
EDTA plasma  
sodium fluoride plasma  

**Methodology**  
Immunooassay  
**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: QUINIDINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:  80194</td>
</tr>
<tr>
<td>SPECIMEN TYPE:  Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:  CR FZN</td>
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<tr>
<td>CPT CODE(S):  80194</td>
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<tr>
<td>INSTRUMENT/LOC:  CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:  C3070 PLR (1), CPL ALQ (1)</td>
</tr>
<tr>
<td>TESTS:  No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:  Collect Peak 90 minutes following dose.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:  80194</td>
</tr>
<tr>
<td>CPL:  3073</td>
</tr>
<tr>
<td>ZCPL:  3073</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:  No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:  No</td>
</tr>
<tr>
<td>NOTES:  Patient Preparation:</td>
</tr>
<tr>
<td>Specimen Collection:  Plain red top tube</td>
</tr>
<tr>
<td>Specimen Processing:  1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze. Collect peak sample 90 minutes following oral dose. When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume  0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportaion:  Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:  After separation from cells: 8 hours room temperature; 7 days refrigerated; 2 weeks frozen</td>
</tr>
<tr>
<td>Specimen Rejection:  Hemolysis</td>
</tr>
<tr>
<td>samples collected in serum separator tube</td>
</tr>
<tr>
<td>EDTA (lavender top) or sodium fluoride (gray top) plasma samples</td>
</tr>
<tr>
<td>Methodology  Immunoassay</td>
</tr>
<tr>
<td>Specimen Referral:  Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: SALICYLATE TOTAL
ABBREVIATION: 80196
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 80196
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 80196
CPL: 3076
ZCPL: 3076
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Room temperature.

Volume
0.5 mL serum

Conditions for specimen transportation:
Room temperature

Methodology
Fpia

Specimen Referral:
Clinical Pathology Laboratories
NAME: PROGRAF (TACROLIMUS)
ABBREVIATION: 80197
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 80197
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL WB LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 80197
CPL: 4272
ZCPL: 4272
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
7 mL EDTA whole blood. Refrigerate.
Note: optimal sampling time is immediately before the next administered dose (trough). If this is not possible, patients should not be advised to delay their scheduled dose without the advice of their physician. Sample collection time and the time that the medication was last administered should be noted on the requisition. According to consensus guidelines, therapeutic range is not clearly defined, but target 12 hour trough concentrations are 5-20 ng/mL early post transplant. 24 hour trough concentrations are 33-50% lower than corresponding 12 hour trough levels.

Volume
3 mL whole blood

Conditions for specimen transportaion:
Refrigerated

Specimen Acceptability:
1 week refrigerated; 1 month frozen

Specimen Rejection:
Heat-inactivated samples
samples with obvious microbial contamination

Methodology
Chemiluminescent microparticle immunoassay (CMIA)

Specimen Referral:
Clinical Pathology Laboratories
**NAME:** THEOPHYLLINE  
**ABBREVIATION:** 80198  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 80198  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C3082 PLR (1), C3082A SRM (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE WITHIN 2 HOURS OF COLLECTION. REFRIGERATE.  
**ASTM/HL7/SDF 1:** 80198  
**CPL:** 3082  
**ZCPL:** 3082  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Plain red top tube  
Specimen Processing:  
2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.  
**Volume**  
0.5 mL serum  
**Conditions for specimen transportaion:**  
Refrigerated  
**Specimen Acceptability:**  
1 day room temperature; 1 week refrigerated  
**Methodology**  
Syva emit 2000 eia quantitative method on olympus or other quantitative chemistry analyzer  
**Specimen Referral:**  
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME</th>
<th>TOBRAMYCIN PEAK</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION</td>
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<tr>
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<td>Serum</td>
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<td>STORAGE TEMP</td>
<td>RM TEMP</td>
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<tr>
<td>INSTRUMENT/LOC</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER</td>
<td>CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS</td>
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<td>ASTM/HL7/SDF</td>
<td>80200</td>
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<tr>
<td>CPL</td>
<td>3088</td>
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<tr>
<td>ZCPL</td>
<td>3088</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Seruml separator tube</td>
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<tr>
<td>Specimen Processing:</td>
<td>2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Room temperature.</td>
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<tr>
<td>Volume</td>
<td>0.5 mL serum</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td>Room temperature</td>
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<td>Specimen Acceptability:</td>
<td>8 hours room temperature; 3 days refrigerated; 1 month frozen</td>
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<tr>
<td>Methodology:</td>
<td>Fpia reference range may vary depending on testing location's methodology</td>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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NAME: TOPIRAMATE  
ABBREVIATION: 80201  
SPECIMEN TYPE: Serum  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 80201  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)  
TESTS: No tests in this specimen  
INFORMATION: PLRED.  
ASTM/HL7/SDF 1: 80201  
CPL: 5955  
ZCPL: 5955  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Plain red top tube  

Specimen Processing:  
1 mL serum from a plain red top tube. Allow sample to  
clot in an upright position for at least 60 minutes, then  
centrifuge sample and transfer serum to a plastic transport  
tube within 2 hours of collection. Refrigerate.  
Note: ideal sampling time for all antiepileptic drugs is  
immediately before the next oral dose (trough). If this is  
not possible, patients should not be advised to delay their  
scheduled dose for longer than 2-3 hours. Sample collection  
and the time that the medication was last ingested should be  
noted on the requisition.  

Volume  
0.2 mL serum or plasma  

Conditions for specimen transportation:  
Refrigerated  

Specimen acceptability:  
3 days room temperature; 2 weeks refrigerated; 1 month frozen  

Specimen Rejection:  
Samples collected in serum separator tube  

Methodology:  
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)  

Specimen Referral:  
Clinical Pathology Laboratories
**NAME:** VANCOMYCIN ASSAY  
**ABBREVIATION:** 80202  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 80202  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 80202  
**CPL:** 3097  
**ZCPL:** 3097  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Room temperature.  
For STAT orders, please contact your local CPL laboratory for local specimen requirements.  

**Volume**  
0.5 mL serum  

**Conditions for specimen transportation:**  
Room temperature  

**Specimen Acceptability:**  
1 day room temperature; 1 week refrigerated  

**Methodology:**  
Syva emit 2000 eia quantitative method on olympus or other automated chemistry method  

**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: DRUG SCREEN URINE
ABBREVIATION: 80301
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 80301
INSTRUMENT/LOC: BCI DXC 600
TUBE/CONTAINER: RU CUP (1), UDS ALQ (1), URINE ALQ 50ML (1)
TESTS: Amphetamines, Barbiturates, Benzodiazepines, Cocaine Metabolite, Cannabinoids(THC), Methadone, Methaqualone, Opiates, Phencyclidine, Propoxyphene, Creatinine Ur Conc., Specimen, Drug Screen
ASTM/HL7/SDF 1: 80301
LABCORP: 733692
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None
Specimen collection: Random Urine Cup
Specimen processing: None
Specimen storage and preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 7 days; Frozen Aliquot (-20°C) 14 days
Conditions for specimen transportation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C), if shipping after 8 hours of collection.
Specimen acceptability: Urine only
Freeze/Thaw: 1 cycle
Specimen rejection: Improper Container or Labeling
Methodology: EIA
Specimen referral: Sent to LABCORP reference lab for positive confirmations.
<table>
<thead>
<tr>
<th>Name</th>
<th>Abbreviation</th>
<th>Specimen Type</th>
<th>Storage Temp</th>
<th>CPT Code(s)</th>
<th>Instrument/LOC</th>
<th>Tube/Container</th>
<th>Tests</th>
<th>Information</th>
<th>ASTM/HL7/SDF</th>
<th>CPL</th>
<th>ZCPL</th>
<th>Valid ICD-9 Codes</th>
<th>Valid ICD-10 Codes</th>
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<tbody>
<tr>
<td>CORTROSYN STIM 1</td>
<td>80400</td>
<td>Serum</td>
<td>RM TEMP</td>
<td>80400</td>
<td>DXI</td>
<td>LT GRN (1)</td>
<td>Cortisol Base, Cortisol 30 min</td>
<td>Arrange Cortrosyn injection with nurse before blood draws.</td>
<td>80400</td>
<td>9313</td>
<td>9313</td>
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</table>

**Patient Preparation:** None

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycles

**Specimen Rejection:** Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None
## Order Choice Information

**NAME:** CRH STIM PANEL  
**ABBREVIATION:** 80412  
**SPECIMEN TYPE:** EDTA PL and SERUM  
**STORAGE TEMP:** CR FZN and REFRIG  
**CPT CODE(S):** 80412  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV1 (1), CPL LAV2 (1), CPL LAV3 (1), CPL LAV4 (1), CPL LAV5 (1), CPL SST1 (1), CPL SST2 (1), CPL SST3 (1), CPL SST4 (1), CPL SST5 (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** ACTH AND CORTISOL X5 SPEC  
**REQUIRE:** LAV AND SST FOR EACH TIMEPOINT  
**PRE-BASELINE= DRAW 15 MIN AND 1 MIN**  
**POST-BASELINE= 15,30, 60 MIN**  
**ACTH-PLASTIC LAV, SPIN ASAP, FREEZE EDTA PLASMA PER TIMEPOINT. CORTISOL- SST REFRIGERATE SERUM.**  
**LABEL EACH ALQ WITH TIMEPOINT AND DRAWTIME AND SEND ALL TO CPL.**

**ASTM/HL7/SDF 1:** 80412  
**CPL:** WILDx5  
**ZCPL:** WILDx5  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

---

**NAME:** ESTRADIOL RESPONSE PANEL  
**ABBREVIATION:** 80415  
**SPECIMEN TYPE:** Serum  
**CPT CODE(S):** 80415  
**INSTRUMENT/LOC:** DXI  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** Baseline is 3 pooled samples drawn 15-20 minutes apart.  
**ASTM/HL7/SDF 1:** 80415  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
NAME: DEXAMETHASONE SUPPRESSION
ABBREVIATION: 80420
SPECIMEN TYPE: 24U and Blood
STORAGE TEMP: REFRIG
CPT CODE(S): 80420
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24HR UR (3), CPL ALQ BASE (1), CPL ALQ1 (1), CPL ALQ2 (1), CPL ALQ3 (1), CPL SST BASE (1), CPL SST1 (1), CPL SST2 (1), CPL SST3 (1)
TESTS: No tests in this specimen
INFORMATION: CALL SECTION FOR SPECIMEN COLLECTION CLARIFICATION!
ASTM/HL7/SDF 1: 80420
CPL: 2669
ZCPL: 2669
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:

Patient Preparation:
There are two variations of the dexamethasone suppression test (DST): a “low-dose” test and a “high-dose” test. Each can be performed either by overnight suppression or by the standard (2-day) suppression test. The low-dose test can help differentiate healthy people from those who produce too much cortisol. The high-dose test can help determine if the abnormality is in the pituitary gland (Cushing disease) as opposed to a non-pituitary ACTH secreting source.

Low-dose protocol:
• Low-dose overnight test: A quick screening test for non-suppressible cortisol production. 1 mg of dexamethasone is taken orally at 11 PM with blood cortisol level measured the following day at 8 AM.

• Standard (2-day) low-dose test: Used alone or when the overnight low-dose method is equivocal. Dexamethasone 0.5 mg is taken orally every 6 hours for a total of eight doses (commonly at 8 AM, 2 PM, 8 PM, and 2 AM for 2 days) and blood cortisol level is drawn 2 to 6 hours after the final dose. Urine collection for urine free cortisol is no longer routinely recommended with the low-dose, 2-day test (Elhomsy 2014).

High-dose protocol:
• High-dose overnight test: Blood cortisol is checked at baseline, then 8 mg of dexamethasone is taken orally at 11 PM with blood cortisol level measured the following day at 8 AM.

• Standard (2-day) high-dose test: A baseline 24-hour urine collection is obtained beginning at 8 AM after the first morning void. At the completion of the baseline 24-hour urine collection, 2 mg of dexamethasone is taken every 6 hours for a total of eight doses (commonly at 8 AM, 2 PM, 8 PM, and 2 AM for 2 days). During this time, two more 24-hour urines are collected, each beginning at 8 AM (with the 8 AM dose of dexamethasone). The urines are stored refrigerated, in 24-hour collection bottles. Blood cortisol, ACTH, and (upon occasion) dexamethasone levels are drawn 6 hours after the final dexamethasone dose, and the three 24-hour urine samples are assayed for urinary-free cortisol (UFC) and Creatinine.

Specimen Collection: SST Serum and Urine
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycles
Specimen Rejection: Improper Container or Label
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>INSULIN TOL W/CORTISOL-Z5 SPEC</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>CPT CODE(S):</td>
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<td>INSTRUMENT/LOC:</td>
<td>DXI</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>LT GRN (1)</td>
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<tr>
<td>TESTS:</td>
<td>Cortisol Base, Cortisol -2 specimen, Cortisol -3 specimen, Cortisol -4 specimen, Cortisol -5 specimen, Glucose Baseline, Glucose- 2 specimen, Glucose- 3 specimen, Glucose- 4 specimen, Glucose- 5 specimen</td>
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<tr>
<td>INFORMATION:</td>
<td>Draw Lt Grn for each draw time. Record 5 draw times, Room Temp.</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
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</table>

**NOTES:**

Patient Preparation:

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycles

Specimen Rejection: Lipemia, Improper Container or Labeling

Methodology: Glucose oxidase and Chemiluminescence Immunoassay

Specimen Referral: None
**Name:** URINALYSIS W/MICROSCOPY  
**Abbreviation:** 81001  
**Specimen Type:** Random Urine  
**Storage Temp:** RM TEMP  
**CPT Code(s):** 81001  
**Instrument/LOC:** UA VELOCITY  
**Tube/Container:** RU CUP (1), UA ALIQUOT (1)  
**ASTM/HL7/SDF 1:** 81001  
**Valid ICD-9 Codes:** No  
**Valid ICD-10 Codes:** No  
**Notes:**  
**Patient Preparation:** N/A  
**Specimen Collection:** Collect urine in a clean, dry and/or sterile container. Preferred sample is a first morning void collected by “clean catch” method.  
**Specimen Processing:** N/A  
**Specimen Storage and Preservation:**  
Room Temperature (15 - 30°C) 2 hour  
Refrigerated (2 - 8°C) 24 hours  
Frozen (-20°C) N/A  
**Conditions for Specimen Transportation:** Transport at room temperature if shipping within 2 hours of collection or ship refrigerated if shipping after 2 hours of collection.  
**Specimen Acceptability:** Urine, 6 mL or greater  
**Specimen Rejection:** Urine collected with preservative; short samples (less than 6 mL); leaking samples; centrifuged urine samples; Specimens that have been at prolonged room temperature; improper labeling.  
**Freeze/Thaw:** N/A  
**Methodology:** Automated Urinalysis System  
**Specimen Referral:** N/A
# Order Choice Information

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
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<tbody>
<tr>
<td>NAME</td>
<td>URINALYSIS</td>
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<tr>
<td>ABBREVIATION</td>
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<td>SPECIMEN TYPE</td>
<td>Random Urine</td>
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<td>STORAGE TEMP</td>
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<td>INSTRUMENT/LOC</td>
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<td>TUBE/CONTAINER</td>
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<td>VALID ICD-9 CODES</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES</td>
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</table>

**NOTES:**

- **Patient preparation:** N/A
- **Specimen collection:** Collect urine in a clean, dry and/or sterile container. Preferred sample is a first morning void collected by “clean catch” method.
- **Specimen processing:** N/A
- **Specimen storage and preservation:**
  - Room Temperature (15 - 30°C) 2 hours
  - Refrigerated (2 - 8°C) 24 hours
  - Frozen (-20°C) N/A
- **Conditions for specimen transportation:** Transport at room temperature if shipping within 2 hours of collection or ship refrigerated if shipping after 2 hours of collection.
- **Specimen acceptability:** Urine, 6 mL or greater
- **Specimen rejection:** Urine collected with preservative; short samples (less than 6 mL); leaking samples; centrifuged urine samples; Specimens that have been at prolonged room temperature; improper labeling.
- **Freeze/Thaw:** N/A
- **Methodology:** iCHEM VELOCITY WAVELENGTH REFLECTANCE WITH iQ200 AUTOMATED MICROSCOPY AS APPLICABLE OR DIPSTICK CHEMICAL ANALYSIS WITH MICROSCOPIC EXAMINATION OF SPUN SEDIMENT AS APPLICABLE OR OTHER AUTOMATED ANALYSIS
- **Specimen referral:** N/A
## Order Choice Information

**NAME:** MICROSCOPIC URINALYSIS  
**ABBREVIATION:** 81015  
**SPECIMEN TYPE:** Random Urine  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 81015  
**INSTRUMENT/LOC:** UA IRIS UA  
**TUBE/CONTAINER:** RU CUP (1), UA ALIQUOT (1)  
**INFORMATION:** Note: If 81015 is ordered only, add 81003 UA.  
**ASTM/HL7/SDF 1:** 81015  
**CPL:** 1510  
**ZCPL:** 1510  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient preparation: N/A  
Specimen collection: Collect urine in a clean, dry and/or sterile container. Preferred sample is a first morning void collected by “clean catch” method.  
Specimen processing: N/A  
Specimen storage and preservation:  
- Room Temperature (15 - 30°C) 2 hours  
- Refrigerated (2 - 8°C) 24 hours  
- Frozen (≤20°C) N/A  
Conditions for specimen transportation: Transport at room temperature if shipping within 2 hours of collection or ship refrigerated if shipping after 2 hours of collection.  
Specimen acceptability: Urine, 6 mL or greater  
Specimen rejection: Urine collected with preservative; short samples (less than 6 mL); leaking samples; centrifuged urine samples; Specimens that have been at prolonged room temperature; improper labeling.  
Freeze/Thaw: N/A  
Methodology: Automated Urinalysis System  
Specimen referral: N/A
## Order Choice Information

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<thead>
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<th>NAME:</th>
<th>HCG URINE PREGNANCY</th>
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</tr>
<tr>
<td>NOTES:</td>
<td>Patient preparation: N/A</td>
</tr>
</tbody>
</table>

Specimen collection: First morning void preferred; Urine collected at any time acceptable. Urine collected into a clean, dry, container.

Specimen processing: N/A

Specimen storage and preservation:
- Room Temperature (15 - 30°C) 2 hours
- Refrigerated (2 - 8°C) 72 hours
- Frozen (-20°C) 3 months

Conditions for specimen transportation: Transport at room temperature if shipping within 2 hours of collection or ship refrigerated if shipping after 2 hours of collection.

Specimen acceptability: Urine collected without preservative.

Specimen rejection: Urine collected with preservative; improper labeling

Freeze/Thaw: N/A

Methodology: Qualitative immunoassay.

Specimen referral: N/A

<table>
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<td>VALID ICD-10 CODES:</td>
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</table>
Order Choice Information

**NAME:** ACETAMINOPHEN ASSAY  
**ABBREVIATION:** 82003  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 82003  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C3001 PLR (1), C3001A SRM (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 82003  
**CPL:** 3001  
**ZCPL:** 3001  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen collection:  
Plain red top tube  
Specimen processing:  
1 mL serum from a plain red top tube. Allow sample to  
clot in an upright position for at least 60 minutes, then  
centrifuge sample and transfer serum to a plastic transport  
tube within 2 hours of collection. Room temperature.  
Volume  
0.5 mL serum  
Conditions for specimen transportation:  
Room temperature  
Methodology:  
Fpia  
Specimen Referral:  
Clinical Pathology Laboratories

**NAME:** ACETONE  
**ABBREVIATION:** 82010  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 2000  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SERUM ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** 1 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN  
CENRTIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. ROOM TEMPERATURE.  
**ASTM/HL7/SDF 1:** 82010  
**CPL:** 2000  
**ZCPL:** 2000  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:** Effective 12/14/15, this test is no longer available. There is no replacement code at  
this time.
### Order Choice Information

**NAME:** ACTH, PLASMA  
**ABBREVIATION:** 82024  
**SPECIMEN TYPE:** EDTA PLASMA  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 82024  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** HEP PLASMA (1), CPL CHILLED Lav (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** Draw blood in a chilled tube then immerse into ice bath immediately after collection. Freeze plasma ASAP!  
**ASTM/HL7/SDF 1:** 82024  
**CPL:** 4814  
**ZCPL:** 4814  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
**Specimen Collection:**  
EDTA (lavender top) tube  
**Specimen Processing:**  
2 mL EDTA plasma. Draw blood in chilled, siliconized glass or plastic tube. Immerse in an ice bath immediately after collection. Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.  
**Volume**  
0.5 mL EDTA plasma  
**Conditions for specimen transportation:**  
Critical frozen (CFZ)  
**Specimen Acceptability:**  
Unacceptable room temperature; 1 month frozen  
**Specimen Rejection:**  
Room temperature samples  
serum  
heparin plasma  
**Methodology:**  
Immulite 2000 immunocheminoluminescent assay  
**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: AMP CYCLIC
ABBREVIATION: 82030
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 4338
INSTRUMENT/LOC: LABCORP
TUBE/CONTAINER: C4338 CUP (1), C4338A RU1 (1), C4338A RU2 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82030
CPL: 4338
LABCORP: 004903
ZCPL: 4338
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen collection:
1 urine transport tubes

Specimen processing:
Transfer the urine into a LabCorp PP transpak frozen purple tube with screw cap (LabCorp No 49482). Freeze immediately and maintain frozen until tested.

Volume:
1 mL urine

Conditions for specimen transportation:
Frozen

Specimen acceptability:
2 hours room temperature; 1 day refrigerated; 3 months frozen

Specimen rejection:
Room temperature samples

Methodology:
Quantitative Radioimmunoassay (ria)

Specimen Referral:
LabCorp
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: ALBUMIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 82040</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S): 82040</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: DXC</td>
</tr>
<tr>
<td>TUBE/CONTAINER: LT GRN (1)</td>
</tr>
<tr>
<td>TESTS: Albumin</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 82040</td>
</tr>
<tr>
<td>CPL: 2201</td>
</tr>
<tr>
<td>ZCPL: 2201</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Patient Preparation: None</td>
</tr>
<tr>
<td>Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum</td>
</tr>
<tr>
<td>Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
</tr>
<tr>
<td>Specimen Storage and Preservation:</td>
</tr>
<tr>
<td>Room Temperature (15 to 30°C) 8 hours</td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C) 2 days</td>
</tr>
<tr>
<td>Frozen Aliquot (-20°C) 7 days</td>
</tr>
<tr>
<td>Conditions for Specimen Transportation:</td>
</tr>
<tr>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
</tr>
<tr>
<td>Specimen Acceptability: SST - SERUM</td>
</tr>
<tr>
<td>Freeze Thaw Cycle: 1 cycle</td>
</tr>
<tr>
<td>Specimen Rejection: Improper Container or Labeling.</td>
</tr>
<tr>
<td>Methodology: Colorimetry/BCP</td>
</tr>
<tr>
<td>Specimen Referral: None</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: MICROALBUMIN 24HR URINE
ABBREVIATION: 82043
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP
CPT CODE(S): 82043
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: 24HR JUG (1)
TESTS: Microalbumin 24 Hr Urine, Microalbumin Excretion Rate, Microalbumin Ur Conc., Microalbumin Total Volume
ASTM/HL7/SDF 1: 82043
CPL: 4892
ZCPL: 4892
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None
Specimen collection: 24 hour Urine
Specimen processing: None
Specimen storage and preservation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) 3 days
Frozen Aliquot (-20°C) Not recommended
Conditions for specimen transportation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.
Specimen acceptability: Urine only
Freeze/Thaw: N/A
Specimen rejection: Improper Collection or Labeling
Methodology: Immunoturbidimetric
Specimen Referral: None
<table>
<thead>
<tr>
<th>NAME: MICROALBUMIN QUALITATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 82044</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Random Urine</td>
</tr>
<tr>
<td>STORAGE TEMP: RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S): 82044</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: UA/MICROSCOPICS</td>
</tr>
<tr>
<td>TUBE/CONTAINER: RU CUP (1)</td>
</tr>
<tr>
<td>TESTS: Microalbumin, Qualitative, Creatinine, Qualitative, MC Ratio, Qualitative</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 82044</td>
</tr>
<tr>
<td>CPL: 4891</td>
</tr>
<tr>
<td>ZCPL: 4891</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Patient preparation: N/A</td>
</tr>
<tr>
<td>Specimen collection: Collect urine in a clean, dry and/or sterile container. Preferred sample is a first morning void</td>
</tr>
<tr>
<td>Specimen processing: N/A</td>
</tr>
<tr>
<td>Specimen storage and preservation:</td>
</tr>
<tr>
<td>Room Temperature (15 - 30°C) 2 hours</td>
</tr>
<tr>
<td>Refrigerated (2 - 8°C) 1 week</td>
</tr>
<tr>
<td>Frozen (-20°C) 1 month</td>
</tr>
<tr>
<td>Conditions for specimen transportation: Transport at room temperature if shipping within 2 hours of collection or ship refrigerated if shipping after 2 hours of collection.</td>
</tr>
<tr>
<td>Specimen acceptability: Urine, 6 mL or greater</td>
</tr>
<tr>
<td>Specimen rejection: Urine collected with preservative other than boric acid (1.0 g/L); short samples (less than 6 mL); leaking samples; centrifuged urine samples; Samples that have been stored at prolonged room temperature; Visibly bloody urine; specimens contaminated with soaps, detergents, antisectics, or skin cleansers; improper labeling</td>
</tr>
<tr>
<td>Freeze/Thaw: N/A</td>
</tr>
<tr>
<td>Methodology: Clinitek semi-quantitative</td>
</tr>
<tr>
<td>Specimen referral: N/A</td>
</tr>
</tbody>
</table>
NAME: ALCOHOL (ETHANOL) BLOOD
ABBREVIATION: 82055
SPECIMEN TYPE: FL WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 3040
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL GRAY (1)
TESTS: No tests in this specimen
INFORMATION: Do not use alcohol for sterilization. DO NOT UNCAP TUBE. SEND GRAY ROOM TEMP WITH TAPE OVER CAP.
ASTM/HL7/SDF 1: 82055
CPL: 3040
ZCPL: 3040
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Fluoride (gray top) tube

Specimen Processing:
7 mL fluoride whole blood. Tube must remain unopened.
Do not use alcohol for sterilization during collection.
Room temperature.

Volume
1 mL whole blood

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated

Methodology:
Colorimetric

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

- **NAME:** ALDOLASE
- **ABBREVIATION:** 82085
- **SPECIMEN TYPE:** Serum
- **STORAGE TEMP:** REFRIG
- **CPT CODE(S):** 2610
- **INSTRUMENT/LOC:** CPL
- **TUBE/CONTAINER:** CPL SST GOLD (1)
- **TESTS:** No tests in this specimen
- **ASTM/HL7/SDF 1:** 82085
- **CPL:** 2610
- **ZCPL:** 2610
- **VALID ICD-9 CODES:** No
- **VALID ICD-10 CODES:** No
- **NOTES:**
  
  Specimen Processing:
  1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Specimen Collection:
Serum Separator Tube

Volume:
0.5 mL

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
5 days refrigerated; 6 months frozen

Methodology:
Quantitative Enzymatic

Specimen Rejection:
• Hemolysis; Plasma

Specimen Referral:
Clinical Pathology Laboratories
NAME: ALDOSTERONE
ABBREVIATION: 82088
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 4201
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4201 PLRED (1), C4201A SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82088
CPL: 4201
ZCPL: 4201
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ).
Note: if upright sample is collected, patient should be seated or standing for at least 2 hours prior to collection. When multiple tests are ordered, submit separate tube for this test.
Volume
0.5 mL serum
Conditions for specimen transportation:
Critical frozen (CFZ)
Specimen acceptability:
After separation from cells: 8 hours room temperature; 5 days refrigerated; 1 month frozen
Specimen rejection:
EDTA (lavender top) plasma
Methodology:
Chemiluminescent immunoassay (clia)
Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: ALPHA 1 ANTITRYPSIN TOTAL</th>
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<tbody>
<tr>
<td>ABBREVIATION: 82103</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: CR FZN</td>
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<tr>
<td>CPT CODE(S): 4816</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 82103</td>
</tr>
<tr>
<td>CPL: 4816</td>
</tr>
<tr>
<td>ZCPL: 4816</td>
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<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>

**NOTES:**

- Specimen Collection:
- Serum separator tube

- Specimen Processing:
  2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

**Volume**

0.5 mL

**Conditions for specimen transportation:**

Refrigerated

**Specimen Acceptability:**

1 week refrigerated; 2 months frozen

**Methodology:**

Immunoturbidometric assay

**Specimen Referral:**

Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>ALPHA 1 ANTITRYPSIN PHENO</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>82104</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<tr>
<td>CPT CODE(S):</td>
<td>4264</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>C4264 PLR (1), C4264A SRM FZN (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>82104</td>
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<tr>
<td>CPL:</td>
<td>4264</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen collection: Serum separator tube</td>
</tr>
</tbody>
</table>

Specimen processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
1 mL serum

Conditions for specimen transportation:
Frozen

Specimen acceptability:
After separation from cells:

Specimen rejection:
Hemolysis

Methodology:
Immunoturbidometric

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>ALPHA FETAL-TUMOR MARK</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>82105</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>CPT CODE(S):</td>
<td>82105</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>BCI DXC 880i</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
<td>Alpha Fetalprotein Tumor Marker</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>82105</td>
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<td>CPL:</td>
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<td>ZCPL:</td>
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<td>VALID ICD-9 CODES:</td>
<td>Yes</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
<td>Yes</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Patient Preparation: None</td>
</tr>
</tbody>
</table>

Specimen Collection: SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - Serum only

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
<table>
<thead>
<tr>
<th>NAME:</th>
<th>ALPHA FETAL - AMNIOTIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>82106</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>FLUID</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>4815</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>DO NOT USE FIRST 20 MLS AMNIOTIC FLUID. SUBMIT REQUIRED HISTORY FORM. Submit 2 mls Fluid in small AFP tube.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>82106</td>
</tr>
<tr>
<td>CPL:</td>
<td>4815</td>
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<tr>
<td>ZCPL:</td>
<td>4815</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Processing: 2 mL amniotic fluid in small AFP tube. Room temperature. Do not use first 20 mL sample withdrawn.</td>
</tr>
</tbody>
</table>

Specimen Collection:
Amniotic fluid collection tube

Conditions for specimen transportaion:
Room temperature

Specimen Acceptability:
3 days room temperature

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

| NAME: ALUMINUM SERUM |
| ABBREVIATION: 82108 |
| SPECIMEN TYPE: Serum |
| STORAGE TEMP: RM TEMP |
| CPT CODE(S): 4818 |
| INSTRUMENT/LOC: CPL |
| TUBE/CONTAINER: CPL TR/MET RBLUE (1), CPL TR/METAL ALQ (1) |

**TESTS:** No tests in this specimen

**INFORMATION:** Use trace metal aliquot tube for sendout.

**ASTM/HL7/SDF 1:** 82108

**CPL:** 4818

**ZCPL:** 4818

**VALID ICD-9 CODES:** No

**VALID ICD-10 CODES:** No

**NOTES:**

**Specimen Collection:**
Trace metal (royal blue top) tube

**Specimen Processing:**
2 mL serum from trace metal-free tube with no additives.
Centrifuge sample and separate serum from cells immediately. Transfer serum to a trace element-free transport tube. Room temperature.
Diet, medication, and nutritional supplements may introduce interfering substances. Patient should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications upon the advice of their physician.

**Volume**
0.5 mL serum

**Conditions for specimen transportaion:**
Room temperature

**Specimen Acceptability:**
If sample is collected and stored in the appropriate container, trace element values do not change with time

**Specimen Rejection:**
Samples collected in serum separator tube
serum not separated from cells within 6 hours of collection

**Methodology:**
Inductively coupled plasma-mass spectrometry (icp/ms)

**Specimen Referral:**
Clinical Pathology Laboratories
Order Choice Information

NAME: AMINO ACIDS QNT PLASMA
ABBREVIATION: 82131
SPECIMEN TYPE: NAHEP PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 4817
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4817 DKGN (1), C4817A PL FZN (1)
TESTS: No tests in this specimen
INFORMATION: COMPLETED HISTORY FORM REQUIRED. DKGN, Freeze plasma ASAP. Patient should be Fasting.
Note: LT GRN ACCEPTABLE.

ASTM/HL7/SDF 1: 82131
CPL: 4817
ZCPL: 4817
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium or lithium heparin (green top) tube

Specimen Processing:
1 mL sodium or lithium heparin plasma. Fasting preferred.
Centrifuge sample and separate plasma from cells within
2 hours of collection. Transfer plasma to a plastic
transport tube. Avoid transferring buffy coat material.
Freeze. Critical frozen (CFZ). When multiple tests are
ordered, submit separate tube for this test. A completed
history form is required (include patient diet, drug therapy
and family history). Note: for infants and children,
collect sample prior to feeding or 2-3 hours after a meal.

Volume
0.25 mL plasma

Conditions for Specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: unacceptable room temperature; 1 day refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
room temperature samples

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

**NAME:** DELTA AMINOLEVULINIC ACID  
**ABBREVIATION:** 82135  
**SPECIMEN TYPE:** URINE  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 4318  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL 24HR UR (1), CPL 24U ALQ (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PROTECT FROM LIGHT DURING COLLECTION, STORAGE, TRANSPORT.  
**ASTM/HL7/SDF 1:** 82135  
**CPL:** 4318  
**ZCPL:** 4318  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Urine collection container  

Specimen Processing:  
24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL aliquot from a well-mixed 24 hour collection to a plastic transport tube. Freeze. Protect sample from light during collection, storage, and transport. Do not submit preserved urine. Patient should refrain from alcohol consumption for 24 hours prior to collection. When multiple tests are ordered, submit separate sample for this test.  

**Volume:**  
2 mL urine  

**Conditions for specimen transportation:**  
Frozen  

**Specimen Acceptability:**  
Unacceptable room temperature; 4 days refrigerated; 1 month frozen  

**Specimen Rejection:**  
Room temperature samples  

**Methodology:**  
Ion exchange chromatography/spectrometry  

**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: AMMONIA  
ABBREVIATION: 82140 
SPECIMEN TYPE: EDTA PLASMA  
STORAGE TEMP: CR FZN  
CPT CODE(S): 2020  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL EDTA PLASMA (1), CPL LAV (1)  
TESTS: No tests in this specimen  
INFORMATION: 1 ML EDTA PLASMA. CENTRIFUGE SAMPLE ASAP! SEPARATE PLASMA FROM CELLS IMMEDIATELY! TRANSFER PLASMA TO A PLASTIC TRANSPORT TUBE. FREEZE. CRITICAL FROZEN (CFZ).  
ASTM/HL7/SDF 1: 82140 
CPL: 2020  
ZCPL: 2020  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES: 
Specimen Collection: 
EDTA (lavender top) tube  
Specimen Processing: 
1 mL EDTA plasma. Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ).  
When multiple tests are ordered, submit separate tube for this test.  
Volume  
0.5 mL plasma  
Conditions for specimen transportation: 
Critical frozen (CFZ)  
Specimen Acceptability: 
2 hours room temperature after thawing  
Specimen Rejection: 
Hemolysis  
thawed samples  
Methodology: 
Enzymatic  
Specimen Referral: 
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** AMYLASE  
**ABBREVIATION:** 82150  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 82150  
**INSTRUMENT/LOC:** DXC  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** Amylase  
**ASTM/HL7/SDF 1:** 82150  
**CPL:** 2025  
**ZCPL:** 2025  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient Preparation: None  
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 2 days  
Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Gross Hemolysis, Icteric, Improper Container or Labeling.  
Methodology: Enzymatic  
Specimen Referral: None
NAME: ANDROSTENEDIONE
ABBR EVIATION: 82157
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 82157
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL PLAIN RED (1), CPL SERUM ALQ (1)
TESTS: No tests in this specimen
INFORMATION: 2 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. SAMPLE SHOULD BE COLLECTED BETWEEN 6AM AND 10AM. REFRIGERATE.

ASTM/HL7/SDF 1: 82157
CPL: 4263
ZCPL: 4263
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Sample should be collected between 6am and 10am. Refrigerate.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 1 day room temperature; 1 week refrigerated; 6 months frozen

Methodology:
High performance liquid chromatography-tandem mass spectrometry (HPLC/TMS)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: ANGIOTENSIN I (ACE) CONV ENZY
ABBREVIATION: 82164
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 82164
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82164
CPL: 4966
ZCPL: 4966
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30
MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER
SERUM TO A PLASTIC TRANSPORT TUBE. REFRIGERATE.

Volume
0.2 mL serum

Conditions for specimen transportaion:
Refrigerated

Specimen Acceptability:
After separation from cells: unacceptable room temperature; 1 week refrigerated; 2 weeks frozen

Specimen Rejection:
Will not reject due to lipemia
Will reject due to hemolysis

Methodology:
Enzyme immunoassay

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>APOLIPOPROTEIN A-1</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>82172</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
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<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>C4004 PLR (1), CPL ALQ (1)</td>
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<td>TESTS:</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
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<td>ZCPL:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume 1 mL serum</td>
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<tr>
<td></td>
<td>Conditions for specimen transportaion: Refrigerated</td>
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<tr>
<td></td>
<td>Specimen Acceptability: 1 day room temperature; 8 days refrigerated; 2 months frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Gross hemolysis</td>
</tr>
<tr>
<td></td>
<td>Methodology: Immunoturbidometric assay</td>
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<td>Specimen Referral: Clinical Pathology Laboratories</td>
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**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: ARSENIC BLOOD</th>
<th>ABBREVIATION: 82175</th>
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<tbody>
<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 82175</td>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL EDTA RBLUE (1)</td>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 82175</td>
<td>CPL: 4203</td>
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<tr>
<td>ZCPL: 4203</td>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
<td>NOTES:</td>
</tr>
</tbody>
</table>

**Specimen Collection:**
EDTA (royal blue top) trace metal-free tube

**Specimen Processing:**
1 mL whole blood in a royal blue trace metal-free tube with EDTA. Refrigerate. Diet, medication, and nutritional supplements may introduce interfering substances. Patient should be encouraged to avoid shellfish and seafood for 48-72 hours and discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician) for 1 week prior to collection.

**Volume**
0.4 mL whole blood

**Conditions for specimen transportaion:**
Refrigerated

**Specimen Acceptability:**
1 week room temperature; 12 days refrigerated

**Specimen Rejection:**
Samples collected in heparin trace metal-free tubes
frozen samples
clotted samples

**Methodology:**
Inductively coupled plasma/mass spectrometry (icp/ms)

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: VITAMIN C  
ABBREVIATION: 82180  
SPECIMEN TYPE: SEE HANDLING  
STORAGE TEMP: CR FZN  
CPT CODE(S): 82180  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL NAHEP DK GRN (1), CPL PL FZN (1)  
TESTS: No tests in this specimen  
INFORMATION: 1 ML SODIUM OR LITHIUM HEPARIN PLASMA. PROTECT SAMPLE FROM LIGHT DURING COLLECTION, STORAGE, AND TRANSPORT. PLACE SAMPLE IN ICE BATH IMMEDIATELY AFTER COLLECTION. CENTRIFUGE SAMPLE AND SEPARATE PLASMA FROM CELLS WITHIN 2 HOURS. TRANSFER PLASMA TO A PLASTIC TUBE. CRITICAL FROZEN. PT SHOULD BE FASTING PRIOR TO COLLECTION. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.

ASTM/HL7/SDF 1: 82180  
CPL: 5020  
ZCPL: 5020  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES: Patient Preparation:  
Patient needs to fast 8-12hrs  
Specimen Collection:  
Heparin (green top) tube  
Specimen Processing:  
1 mL sodium or lithium heparin plasma. Place sample in ice bath immediately after collection. Centrifuge sample and separate plasma from cells within 1 hour of collection. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). Protect sample from light during collection, storage, and transport. Patient should be fasting prior to collection. When multiple tests are ordered, submit separate tube for this test.  
Volume  
0.3 mL plasma  
Conditions for specimen transportaion:  
Critical frozen (CFZ)  
Specimen Acceptability:  
After separation from cells: unacceptable room temperature; unacceptable refrigerated; 1 month frozen (when light- protected)  
Specimen Rejection:  
Hemolysis  
room temperature samples  
refrigerated samples  
body fluid samples  
avoid freeze/thaw cycle  
samples not protected from light  
Methodology:  
High performance liquid chromatography (hplc)  
Specimen Referral:  
Clinical Pathology Laboratories
<table>
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<tr>
<th><strong>NAME:</strong></th>
<th>BETA-2 MICROGLOBULIN</th>
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<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>82232</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>Serum</td>
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<tr>
<td><strong>STORAGE TEMP:</strong></td>
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<tr>
<td><strong>CPT CODE(S):</strong></td>
<td>82232</td>
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<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>C4204 SST (1)</td>
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<tr>
<td><strong>TESTS:</strong></td>
<td>No tests in this specimen</td>
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<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>82232</td>
</tr>
<tr>
<td><strong>CPL:</strong></td>
<td>4204</td>
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<td><strong>ZCPL:</strong></td>
<td>4204</td>
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<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>NOTES:</strong></td>
<td></td>
</tr>
<tr>
<td>Specimen Collection:</td>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td><strong>Volume</strong></td>
<td>0.5 mL serum</td>
</tr>
<tr>
<td><strong>Conditions for specimen transportaion:</strong></td>
<td>Refrigerated</td>
</tr>
<tr>
<td><strong>Specimen Acceptability:</strong></td>
<td>1 week refrigerated; 2 weeks frozen</td>
</tr>
<tr>
<td><strong>Methodology:</strong></td>
<td>Immulite 2000 chemiluminescence quantitative method</td>
</tr>
<tr>
<td><strong>Specimen Referral:</strong></td>
<td>Clinical Pathology Laboratories</td>
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</tbody>
</table>
NAME: BILE ACIDS (TOTAL) FRACT
ABBREVIATION: 82239
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 82239
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: PATIENT SHOULD BE FASTING 8 HOURS.
ASTM/HL7/SDF 1: 82239
CPL: 4973
ZCPL: 4973
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Patient Preparation:
Patient needs to fast 8hrs

Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate. Patient should be fasting for 8 hours prior
to collection.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 8 hours room temperature; 2 weeks refrigerated; 3 months frozen

Specimen Rejection:
Hemolysis
heparin samples
body fluid

Methodology:
Enzymatic

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: BILIRUBIN TOTAL</th>
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<tbody>
<tr>
<td>ABBREVIATION: 82247</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: RM TEMP</td>
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<td>INSTRUMENT/LOC: DXC</td>
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<tr>
<td>TUBE/CONTAINER: LT GRN (1)</td>
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<tr>
<td>TESTS: Bilirubin, Total</td>
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<tr>
<td>ASTM/HL7/SDF 1: 82247</td>
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<tr>
<td>CPL: 2207</td>
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<td>ZCPL: 2207</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Patient Preparation: None</td>
</tr>
</tbody>
</table>

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:** Protect from light.

- **Room Temperature (15 to 30°C):** 8 hours
- **Refrigerated (2 to 8°C):** 2 days
- **Frozen Aliquot (-20°C):** 7 days

**Conditions for Specimen Transportation:**

- **Room Temperature (15 to 30°C):** if shipping within 8 hours of collection.
- **Refrigerated (2 to 8°C):** if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Hemolysis, Lipemia, Improper Container or Labeling.

**Methodology:** Endpoint Diazo method

**Specimen Referral:** None
NAME: BILIRUBIN DIRECT
ABBREVIATION: 82248
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 82248
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Bilirubin, Direct
ASTM/HL7/SDF 1: 82248
CPL: 2036
ZCPL: 2036
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation: Protect from light.
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.
Methodology: Endpoint Diazo method
Specimen Referral: None
NAME: BILIRUBIN (TOT, DIR & INDIR)
ABBREVIATION: 82251
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 82251
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Bilirubin, Total, Bilirubin, Direct, Bilirubin, Indirect
ASTM/HL7/SDF 1: 82251
CPL: 410
ZCPL: 410
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation: Protect from light.
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.
Methodology: Endpoint Diazo method
Specimen Referral: None
Order Choice Information

NAME: OCCULT BLOOD SCREEN
ABBREVIATION: 82270
SPECIMEN TYPE: STOOL
STORAGE TEMP: RM TEMP
CPT CODE(S): 82270
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CARDX1 (1), CARDX2 (1), CARDX3 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82270
CPL: 7015
ZCPL: 7015
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Hemoccult slide or stool collection container

Specimen Processing:
At least one marble-sized portion of fresh stool or
inoculated hemoccult slide. Room temperature. Diet
recommended: avoid rare meats, broccoli, horseradish,
cauliflower, cantolope, parsnip, red radishes, rectal
mediations, and supplements containing >250 mg vitamin c.

Volume
One marble-sized portion of fresh stool

Conditions for specimen transportaion:
Room temperature

Specimen Acceptability:
Slides: 2 weeks room temperature. Stool: 3 weeks refrigerated.

Specimen Rejection:
Samples submitted in preservative
samples other than stool or colon washings
over-inoculated cards or those inoculated on the wrong side

Methodology:
Standardized guaiac test

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: FECAL OCCULT BLOOD
ABBREVIATION: 82274
SPECIMEN TYPE: STOOL
STORAGE TEMP: RM TEMP
CPT CODE(S): 82274
INSTRUMENT/LOC: OC-AUTO 80
TUBE/CONTAINER: VIAL (1)
TESTS: FOBT
ASTM/HL7/SDF 1: 82274
CPL: 7008
ZCPL: 7008
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient preparation:
None

Test includes:
Detection of hemoglobin in stool.

Specimen collection:
Patient is provided with the Polymedco FOBT-CHEK Sampling Bottle. Refer to included instructions. Label bottle with patient’s name, date of birth, and date of collection.

Specimen storage and preservation:
After testing, specimen is discarded.

Conditions for specimen transportation:
Room temperature

Specimen processing:
None

Specimen acceptability:
Within 15 days if room temperature; Within 30 days if refrigerated.

Specimen rejection:
Unlabeled specimens; Bottle with significant leak; Sample received beyond acceptability period.

Freeze/Thaw:
None

Methodology:
Automated Latex Agglutination

Specimen referral:
None
### Order Choice Information

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<tbody>
<tr>
<td>ABBREVIATION: 82300</td>
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<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
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<td>TUBE/CONTAINER: CPL EDTA RBLUE (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 82300</td>
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<tr>
<td>CPL: 4207</td>
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<td>ZCPL: 4207</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>EDTA (royal blue top) trace metal-free tube</td>
</tr>
</tbody>
</table>

Specimen Collection:
EDTA (royal blue top) trace metal-free tube.

Specimen Processing:
7 mL EDTA whole blood from trace metal-free tube.
Room temperature.
Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications, upon the advice of their physician.

Volume
7 mL EDTA whole blood

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
If sample is collected and stored in the appropriate container, trace element values do not change with time

Specimen Rejection:
Hemolysis
frozen samples
heparin whole blood

Methodology:
Inductively coupled plasma/mass spectrometry (ICP-MS)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>VITAMIN D (25 HYDROXY)</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<td>SPECIMEN TYPE:</td>
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<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<td>CPT CODE(S):</td>
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<td>TESTS:</td>
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<td>NOTES:</td>
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<tr>
<td>Patient Preparation:</td>
<td>None</td>
</tr>
</tbody>
</table>

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Centrifuge @ 3000 rpm for 10 minutes. Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample. If testing not done within 8 hrs, transfer serum into the aliquot tube.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 3 days
- Refrigerated (2 to 8°C) 7 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 3 days of collection.
- Refrigerated (2 to 8°C) if shipping after 3 days of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 3 cycles

**Specimen Rejection:** Gross Hemolysis, Gross Lipemia, Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None
NAME: CALCITONIN
ABBREVIATION: 82308
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 82308
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4826 PLR (1), C4826A SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82308
CPL: 4826
ZCPL: 4826
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Freeze. Critical frozen (CFZ). When multiple tests are
ordered, submit separate tube for this test.

Volume
1 mL frozen serum

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature; 1 day refrigerated; 3 months frozen

Specimen Rejection:
Hemolysis
gross lipemia
heat-inactivated samples

Methodology:
Electrochemiluminescence immunoassay (eclia)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CALCIUM  
ABBREVIATION: 82310  
SPECIMEN TYPE: Serum  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 82310  
INSTRUMENT/LOC: DXC  
TUBE/CONTAINER: LT GRN (1)  
TESTS: Calcium  
ASTM/HL7/SDF 1: 82310  
CPL: 2209  
ZCPL: 2209  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Patient Preparation: None  
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 2 days  
Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Gross Lipemia, Improper Container or Labeling.  
Methodology: Indirect ISE/Ca ionophore membrane  
Specimen Referral: None
Order Choice Information

NAME: CALCIUM 24HR URINE
ABBREVIATION: 82340
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP
CPT CODE(S): 82340
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: 24HR JUG (1)
TESTS: 24 Hr Calcium Urine, Calcium Ur Conc., Calcium Total Volume, PH Urine
ASTM/HL7/SDF 1: 82340
CPL: 2052
ZCPL: 2052
VALID ICD9 CODES: No
VALID ICD10 CODES: No
NOTES:
Patient preparation: None
Specimen collection: 24 hour Urine
Specimen processing: None
Specimen storage and preservation: Keep 24 Hr Urine container refrigerated during collection.
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) 3 days
Conditions for specimen transportation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.
Specimen acceptability: Urine only
Freeze/Thaw: N/A
Specimen rejection: Improper Collection or Labeling
Methodology: Indirect ISE/Ca ionophore membrane
Specimen Referral: None
**Order Choice Information**

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<th>STONE (CALCULUS) ANALYSIS</th>
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<tbody>
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<td>TESTS:</td>
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<td>INFORMATION:</td>
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<td>Specimen collection container</td>
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<td>Specimen Processing:</td>
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<tr>
<td></td>
<td>Calculi from urine. Air dry and transport dry.</td>
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<td></td>
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<td>Specimen Acceptability:</td>
<td>6 months room temperature</td>
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<td>Methodology:</td>
<td>Crystallography/x-ray diffraction</td>
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# Order Choice Information

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<tr>
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<td>TESTS:</td>
<td>CO2</td>
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<td>Specimen Collection:</td>
<td>Lithium Heparin Plasma (preferred) or SST Serum</td>
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<td>Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
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<td>Specimen Storage and Preservation:</td>
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<tr>
<td>Room Temperature (15 to 30°C)</td>
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<tr>
<td>Refrigerated (2 to 8°C)</td>
<td>2 days</td>
</tr>
<tr>
<td>Frozen Aliquot (-20°C)</td>
<td>7 days</td>
</tr>
<tr>
<td>Conditions for Specimen Transportation:</td>
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<tr>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
<td></td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
<td></td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>SST - SERUM</td>
</tr>
<tr>
<td>Freeze Thaw Cycle:</td>
<td>1 cycle</td>
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<td>Specimen Rejection:</td>
<td>Gross Lipemia, Improper Container or Labeling.</td>
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<td>Methodology:</td>
<td>Differential rate pH/acid liberation CO2 gas</td>
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<td>Specimen Referral:</td>
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NAME: CARBOXYHEMOGLOBIN
ABBREVIATION: 82375
SPECIMEN TYPE: NAHEP WB
STORAGE TEMP: CR REFRIG
CPT CODE(S): 82375
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL NAHEP DK GRN (1)
TESTS: No tests in this specimen
INFORMATION: Do not remove cap from collection tube. Seal with red tape and submit unopened.
ASTM/HL7/SDF 1: 82375
CPL: 2640
ZCPL: 2640
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium or lithium heparin (green top) tube

Specimen Processing:
5 mL sodium or lithium heparin whole blood. Do not collect by finger stick or heel stick. Do not remove cap from collection tube. Refrigerate sample within 30 minutes of collection. Critical refrigerate (CRF). Collect sample Monday through Wednesday only. When multiple tests are ordered, submit separate tube for this test.

Volume
1 mL whole blood

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
Unacceptable room temperature; 72 hours refrigerated; unacceptable frozen

Specimen Rejection:
Room temperature samples
frozen samples
EDTA whole blood
samples that have been opened or exposed to room air
samples containing air bubbles
clotted samples

Methodology:
Spectrophotometry

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CEA
ABBREVIATION: 82378
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 82378
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: SST GOLD (1)
TESTS: CEA
ASTM/HL7/SDF 1: 82378
CPL: 2645
ZCPL: 2645
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None
Specimen Collection: SST Serum only
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycles
Specimen Rejection: Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
**Order Choice Information**

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<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>INFORMATION:</td>
<td>PLRED. PROTECT SERUM FROM LIGHT.</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES: Specimen Collection:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Serum separator tube</td>
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<tr>
<td>Specimen Processing:</td>
<td>2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Protect sample from light during collection, storage and transport. Freeze. Critical frozen (CFZ). Patient should be fasting for 12 hours prior to collection. When multiple tests are ordered, submit separate tube for this test.</td>
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<tr>
<td>Volume</td>
<td>1.6 mL serum</td>
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<td>Conditions for specimen transportation:</td>
<td>Critical frozen (CFZ)</td>
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<td>Specimen Acceptability:</td>
<td>Unacceptable room temperature; unacceptable refrigerated; 2 weeks frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis samples not protected from light room temperature samples refrigerated samples</td>
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<tr>
<td>Methodology:</td>
<td>Colorimetric</td>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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### Order Choice Information

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<tr>
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<td>SPECIMEN TYPE:</td>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<td>TUBE/CONTAINER:</td>
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<td>CPL:</td>
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<td>NOTES: Specimen Collection:</td>
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<td>Urine collection container</td>
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<tr>
<td>Specimen Processing:</td>
<td></td>
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<tr>
<td></td>
<td>24 hour urine refrigerated during collection. Record total volume. Transfer 10 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. When multiple tests are ordered, submit separate sample for this test.</td>
</tr>
<tr>
<td></td>
<td>If possible, patient should abstain from medications for 72 hours prior to collection. Medications that may physiologically interfere with catecholamines and metabolites include amphetamines and amphetamine-like compounds, appetite suppressants, bromocriptine, buspirone, caffeine, carbidopa-levodopa (sinemet), clonidine, dexamethasone, diuretics (in doses sufficient to deplete sodium), ethanol, isoproterenol, methyldopa (aldomet), mao inhibitors, nicotine, nose drops, propafenone (rythmol), reserpine, theophylline, tricyclic antidepressants, and vasodilators. The effects of some drugs on catecholamine results may not be predictable.</td>
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<tr>
<td>Volume</td>
<td></td>
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<tr>
<td>2 mL urine</td>
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<td>Conditions for specimen transportation:</td>
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<tr>
<td>Frozen</td>
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<tr>
<td>Specimen Acceptability:</td>
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<tr>
<td>Unacceptable room temperature; 1 month refrigerated; 6 months frozen</td>
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<tr>
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<td>Room temperature samples</td>
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<td>Methodology:</td>
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<tr>
<td>High performance liquid chromatography-tandem mass spectrometry (hplc-ms/ms)</td>
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<td>Clinical Pathology Laboratories</td>
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NAME: CERULOPLASMIN
ABBREVIATION: 82390
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 82390
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82390
CPL: 4213
ZCPL: 4213
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.25 mL serum

Conditions for specimen transportaion:
Refrigerated

Specimen Acceptability:
3 days refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
lipemia

Methodology:
Olympus immunoturbidometric quantitative method

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

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</table>

**Patient Preparation:** None

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Lipemia, Improper Container or Labeling.

**Methodology:** Indirect ISE/Ag/AgCl Pellet

**Specimen Referral:** None
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<td>INSTRUMENT/LOC:</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>24HR JUG (1)</td>
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<tr>
<td>TESTS:</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>Specimen collection:</td>
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<tr>
<td>Specimen storage and preservation:</td>
<td>Keep 24 Hr Urine container refrigerated during collection.</td>
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<tr>
<td>Room Temperature (15 to 30°C)</td>
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<tr>
<td>Refrigerated (2 to 8°C)</td>
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<tr>
<td>Room Temperature (15 to 30°C)</td>
<td>2 hours</td>
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<tr>
<td>Refrigerated (2 to 8°C)</td>
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<td>Specimen acceptability:</td>
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<td>Freeze/Thaw:</td>
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<td>Specimen rejection:</td>
<td>Improper Collection or Labeling</td>
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<tr>
<td>Methodology:</td>
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<tr>
<td>Specimen Referral:</td>
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Order Choice Information

NAME: CHOLESTEROL
ABBREVIATION: 82465
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 82465
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Cholesterol
ASTM/HL7/SDF 1: 82465
CPL: 2210
ZCPL: 2210
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Improper Container or Labeling.
Methodology: Enzymatic
Specimen Referral: None
**Order Choice Information**

<table>
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<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 82480</td>
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<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
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</tbody>
</table>

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze.
Sample must be drawn prior to surgery or more than 2 days following surgery. Do not draw in recovery room. When multiple tests are ordered, submit separate tube for this test.

Volume
0.1 mL serum

Conditions for specimen transportaion:
Frozen

Specimen acceptability:
After separation from cells: 4 hours room temperature; 1 week refrigerated; 3 months frozen

Specimen Rejection:
Hemolysis
whole blood samples

Methodology:
Enzymatic

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
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<th>CHOLINESTERASE RBC</th>
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<tbody>
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<td>EDTA WB</td>
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<tr>
<td>STORAGE TEMP</td>
<td>REFRIG</td>
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<td>CPT CODE(S)</td>
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<tr>
<td>INSTRUMENT/LOC</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER</td>
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<tr>
<td>TESTS</td>
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<td>NOTES</td>
<td>Specimen Collection: EDTA (lavender top) tube</td>
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<td></td>
<td>Specimen Processing: 5 mL EDTA whole blood. Refrigerate.</td>
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<td>Volume: 1 mL whole blood</td>
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<td>Conditions for specimen transportation: Refrigerated</td>
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<td></td>
<td>Hemolysis</td>
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<tr>
<td></td>
<td>clotted samples</td>
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<tr>
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<td>frozen samples</td>
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<td></td>
<td>heparin whole blood</td>
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<td>Methodology: Quantitative enzymatic</td>
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<td>TUBE/CONTAINER</td>
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NAME: CHROMA/CAFEEINE (FELBATOL)
ABBREVIATION: 82491
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 82099
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5841 PLR (1), C5841A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82491
CPL: 5841
ZCPL: 5841
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated; 2 weeks frozen

Specimen Rejection:
Samples collected in serum separator tube

Methodology:
High performance liquid chromatography (hplc)

Specimen Referral:
Clinical Pathology Laboratories
NAME: CHROMIUM SERUM  
ABBREVIATION: 82495  
SPECIMEN TYPE: Serum  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 82495  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL TR/MET RBLUE (1), CPL TR/METAL ALQ (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 82495  
CPL: 4265  
ZCPL: 4265  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Trace metal-free (royal blue top) tube with no additive  
Specimen Processing:  
2 mL serum from a royal blue trace metal-free tube without additive. Centrifuge sample and separate serum from cells within 2 hours of collection. Transfer 2 mL serum to a plastic transport tube. Room temperature.  
Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications, upon the advice of their physician.  
Volume  
0.5 mL serum  
Conditions for specimen transportaion:  
Room temperature  
SpecimenAcceptability:  
If the sample is collected and stored in the appropriate container, the trace element values do not change with time  
Specimen Rejection:  
Samples collected in serum separator tube  
serum not separated from cells within 6 hours of collection  
Methodology:  
Inductively coupled plasma-mass spectrometry (icp/ms)  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: CITRATE 24 HR URINE
ABBREVIATION: 82507
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 82507
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82507
CPL: 4328
ZCPL: 4328
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total volume. Transfer 10 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. When multiple tests are ordered, submit separate sample for this test.

Volume
2 mL urine

Conditions for specimen transportaion:
Frozen

Specimen Acceptability:
8 hours room temperature; 1 week refrigerated; indefinite frozen

Specimen Rejection:
Sample preserved with boric acid

Methodology:
Enzymatic

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<td>CPL</td>
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<td><strong>TUBE/CONTAINER:</strong></td>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
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</table>
| **NOTES:** | Specimen Collection: Urine collection container  
Specimen Processing: 50 mL urine. Room temperature.  
Volume  
30 mL urine  
Conditions for specimen transportaion: Room temperature  
Specimen Acceptability: 3 days room temperature; 1 week refrigerated; 1 year frozen  
Methodology: Gas chromatography/mass spectrophotometry  
Specimen Referral: Clinical Pathology Laboratories |

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# Order Choice Information

**NAME:** C-TELOPEPTIDE CTX  
**ABBREVIATION:** 82523  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 82523  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 82523  
**CPL:** 3997  
**ZCPL:** 3997  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** Yes  
**NOTES:**  
Patient Preparation:  
Fasting  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test. It is recommended to draw blood as fasting, morning sample. Samples should not be taken from patients receiving therapy with high biotin doses (>5 mg/day) until at least 8 hours following the last biotin administration.  
**Volume**  
1 mL serum  
**Conditions for specimen transportation:**  
Critical frozen (CFZ)  
**Specimen Acceptability:**  
6 hours room temperature; 8 hours refrigerated; 3 months frozen  
**Specimen Rejection:**  
Hemolysis  
room temperature samples  
heat-inactivated samples  
thawed samples  
**Methodology:**  
Electrochemiluminescence immunoassay (eclia)  
**Specimen Referral:**  
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** COPPER, SERUM/PLASMA  
**ABBREVIATION:** 82525  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 82525  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL TR/MET RBLUE (1), CPL TR/METAL ALQ (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** Use trace metal aliquot tube for sendout.  
**UPON THE ADVICE OF THEIR PHYSICIANS, PATIENTS SHOULD BE ENCOURAGED TO DISCONTINUE NUTRITIONAL SUPPLEMENTS, VITAMINS, MINERALS, AND NON-ESSENTIAL OVER-THE-COUNTER MEDICATIONS FOR ONE WEEK PRIOR TO COLLECTION.**

ASTM/HL7/SDF 1: 82525  
CPL: 4219  
ZCPL: 4219  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
**Specimen Collection:**  
Trace metal (royal blue top) tube without additive  
Specimen Processing:  
2 mL serum from a royal blue trace metal-free tube without additive. Centrifuge sample and separate serum from cells within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
Diet, medication, and nutritional supplements may introduce interfering substances. Upon the advice of their physician, patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications for one week prior to collection. Avoid exposure to contrast media for 96 hours prior to collection.  
Volume  
0.2 mL rb serum  
Conditions for specimen transportaion:  
Refrigerated  
**Specimen Acceptability:**  
2 days room temperature; 2 weeks refrigerated  
**Specimen Rejection:**  
Samples collected in tube with additive  
**Methodology:**  
Inductively coupled plasma/mass spectrometry (icp/ms)  
**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** COPPER 24HR URINE  
**ABBREVIATION:** 82526  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 82525, 82526  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL 24U ALQ (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 82526  
**CPL:** 4332  
**ZCPL:** 4332  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Patient Preparation:  
Patient should avoid shellfish and seafood for 48-72 hours.  

Specimen Collection:  
Trace-element free transport tube  

Specimen Processing:  
10 mL aliquot from a well-mixed 24 hour urine collection.  
Specimen must be refrigerated during collection. Record total volume. Refrigerate.  
Diet, medication and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, nonessential over-the-counter medications (upon the advice of their physician), and avoid shellfish and seafood for 48 to 72 hours. High concentrations of iodine may interfere with elemental testing. Abstinence from iodine-containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.  

**Volume**  
1 mL urine  

**Conditions for specimen transportation:**  
Refrigerated  

**Specimen Acceptability:**  
1 week room temperature; 2 weeks refrigerated; 1 year frozen  

**Specimen Rejection:**  
Urine collected within 48 hours of gadolinium (mri) acid-preserved urine  

**Methodology:**  
Inductively coupled plasma/mass spectrometry (icp/ms)  

**Specimen Referral:**  
Clinical Pathology Laboratories
Order Choice Information

NAME: CORTISOL FREE 24HR URINE
ABBREVIATION: 82530
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 82530
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: 24HR ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82530
CPL: 4334
ZCPL: 4334
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. When multiple tests are ordered, submit separate sample for this test.

Volume
1 mL urine

Conditions for specimen transportaion:
Frozen

Specimen Acceptability:
Unacceptable room temperature; 2 weeks refrigerated; 6 months frozen

Specimen Rejection:
Acidified samples
room temperature samples
samples submitted in preservative

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

| NAME: CORTISOL AM | ABBREVIATION: 82533 |
| SPECIMEN TYPE: Serum | STORAGETEMP: RM TEMP |
| CPT CODE(S): 82533 | INSTRUMENT/LOC: BCI DXC 880i |
| TUBE/CONTAINER: LT GRN (1) | TESTS: Cortisol, AM |

**INFORMATION:** BEST DRAWN BETWEEN 7AM - 10AM

**ASTM/HL7/SDF 1:** 82533

**CPL:** 4267

**ZCPL:** 4267

**VALID ICD-9 CODES:** No

**VALID ICD-10 CODES:** No

**NOTES:**

Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - Serum

Freeze Thaw Cycle: 1

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
NAME: SERUM CREATINE
ABBREVIATION: 82540
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 82540
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4221 PLR (1), C4221A SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82540
CPL: 4221
ZCPL: 4221
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze immediately.
Patient's gender must be included on requisition.
When multiple tests are ordered, submit separate tube for this test.

Volume
0.3 mL serum

Conditions for specimen transportaion:
Frozen

Specimen Acceptability:
Unacceptable room temperature; 1 week refrigerated; 2 weeks frozen

Specimen Rejection:
Room temperature samples
avoid repeated freeze/thaw cycles

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
NAME: cpk CREATINE KINASE
ABBREVIATION: 82550
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 82550
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Creatine Kinase (CPK)
INFORMATION: Room temp stability 4hours.

ASTM/HL7/SDF 1: 82550
CPL: 2075
LABCORP: 001362
ZCPL: 2075
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 4 hours
Refrigerated (2 to 8°C) 8 - 12 hours
Frozen Aliquot (-20°C) 3 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 4 hours of collection.
Refrigerated (2 to 8°C) if shipping after 4 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Gross Hemolysis, Improper Container or Labeling.

Methodology: Enzymatic

Specimen Referral: None
**Order Choice Information**

- **NAME:** CPK ISOENZYMES
- **ABBREVIATION:** 82552
- **SPECIMEN TYPE:** Serum
- **STORAGE TEMP:** CR FZN
- **CPT CODE(S):** 82552
- **INSTRUMENT/LOC:** CPL
- **TUBE/CONTAINER:** C2660 PLR (1), C2660A SRM FZN (1)
- **TESTS:** No tests in this specimen
- **INFORMATION:** SERUM ONLY!!
- **ASTM/HL7/SDF 1:** 82552
- **CPL:** 2660
- **ZCPL:** 2660
- **VALID ICD-9 CODES:** No
- **VALID ICD-10 CODES:** No

**NOTES:**

Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
2 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
Unacceptable room temperature;

Specimen Rejection:
Room temperature samples

Methodology:
Quantitative enzymatic/electrophoresis

Specimen Referral:
Clinical Pathology Laboratories
NAME: CKMB CREATINE MB FRACTION
ABBREVIATION: 82553
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 82553,82550
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82553
CPL: 2074
ZCPL: 2074
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Protect from light. Refrigerate.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated, protect from light

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<td>Patient Preparation: None</td>
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**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**

- **Room Temperature (15 to 30°C)** 8 hours
- **Refrigerated (2 to 8°C)** 2 days
- **Frozen Aliquot (-20°C)** 7 days

**Conditions for Specimen Transportation:**

- **Room Temperature (15 to 30°C)** if shipping within 8 hours of collection.
- **Refrigerated (2 to 8°C)** if shipping after 8 hours of collection.

**Specimen Acceptor:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Lipemia, Improper Container or Labeling.

**Methodology:** Colorimetry/Alkaline Picrate

**Specimen Referral:** None
### Order Choice Information

**NAME:** CREATININE 24 HR URINE  
**ABBREVIATION:** 82570  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 82570  
**INSTRUMENT/LOC:** DXC  
**TUBE/CONTAINER:** 24HR JUG (1), XTRA LI-HEP TO ML (1)  
**TESTS:** 24 Hr Creatinine Urine, Creatinine Ur Conc., Creatinine Ur Total Volume  
**ASTM/HL7/SDF 1:** 82570  
**CPL:** 2082  
**LABCORP:** 003012  
**ZCPL:** 2082  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient preparation: None  
Specimen collection: 24 hour Urine  
Specimen processing: None  
Specimen storage and preservation: Keep 24 Hr Urine container refrigerated during collection.  
Room Temperature (15 to 30°C) 2 hours  
Refrigerated (2 to 8°C) 3 days  
Conditions for specimen transportation:  
Room Temperature (15 to 30°C) 2 hours  
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.  
Specimen acceptability: Urine only  
Freeze/Thaw: N/A  
Specimen rejection: Improper Collection or Labeling  
Methodology: Colorimetry/Alkaline Picrate  
Specimen Referral: None
NAME: CRYOFIBRINOGEN
ABBREVIATION: 82585
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR REFRIG
CPT CODE(S): 82585
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ1 (1), CPL ALQ2 (1), CPL LT BLUE1 (1), CPL LT BLUE2 (1)
TESTS: No tests in this specimen
INFORMATION: LTBLUE PRE-WARmed @ 37C. CRITICAL REFRIGRATE PLASMA. NEED 3 MLS PLASMA.
ASTM/HL7/SDF 1: 82585
CPL: 4830
ZCPL: 4830
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Completely filled citrate (blue top) tube

Specimen Processing:
3 mL citrate plasma. Collect sample in tubes pre-warmed
to 37c. Maintain sample at 37c until plasma is separated
from cells. Critical refrigerate (CRF).

Volume
2 mL plasma

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
Unacceptable room temperature; 2 weeks refrigerated; unacceptable frozen

Specimen Rejection:
Hemolysis
lipemia
room temperature samples
frozen samples

Methodology:
Cold precipitation

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CRYOGLOBULIN QUAL  
ABBREVIATION: 82595  
SPECIMEN TYPE: Serum  
STORAGE TEMP: CR RM TEMP  
CPT CODE(S): 82595  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: C3595 PLRED (1), C3595A SRM CR RT (1)  
TESTS: No tests in this specimen  
INFORMATION: Collect in pre-warmed plain red top tube. Warm @ 37 degrees C for 30 min and spin down. Seal serum tube with RED TAPE! CRITICAL ROOM TEMP. Samples will be rejected if gross hemolysis.  
ASTM/HL7/SDF 1: 82595  
CPL: 3595  
ZCPL: 3595  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Plain red top tube  
Specimen Processing:  
2 mL serum collected in a pre-warmed plain red top tube. Maintain tube at 37c until sample is clotted. Centrifuge sample and immediately transfer serum to a plastic transport tube. Room temperature.  
Volume  
2 mL serum  
Conditions for specimen transportaion:  
Room temperature  
Specimen Acceptability:  
1 week room temperature; acceptable refrigerated; unacceptable frozen  
Specimen Rejection:  
Moderate or greater hemolysis  
lipemia  
frozen samples  
serum that has not been separated from cells  
samples collected in serum separator tube  
samples with bacterial contamination  
Methodology:  
Physical characteristics of precipitation or floculation. Positive results are reported as soon as recognized. Negative reports will be issued at 2 days and 7 days. Negative reports for manually read samples will be issued at 7 days.  
Specimen Referral:  
Clinical Pathology Laboratories
NAME: CYANIDE
ABBREVIATION: 82600
SPECIMEN TYPE: WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 82600
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL NAHEP DK GRN (1)
TESTS: No tests in this specimen
INFORMATION: Specimen requirements:
4 ML HEPARIN WHOLE BLOOD SUBMITTED IN ORIGINAL COLLECTION CONTAINER.
ROOM TEMPERATURE. THIS TEST SHOULD NOT BE RUN ON PATIENT TAKING NITROPRUSSIDE.
PLEASE CONTACT REFERRAL DEPARTMENT BEFORE COLLECTION.

ASTM/HL7/SDF 1: 82600
CPL: 4223
ZCPL: 4223
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NOTES:
Patient Preparation:
Patient should not be taking Nitroprusside

Specimen Collection:
Heparin (green top) tube

Specimen Processing:
4 mL sodium or lithium heparin whole blood submitted in the
original collection tube. Critical room temperature (CRT).
This test should not be run on patient taking nitroprusside.
Please contact referral department before collection.

Volume
3 mL whole blood

Conditions for specimen transportation:
Critical room temperature (CRT)

Specimen Acceptability:
3 days room temperature if tightly capped; unacceptable refrigerated; unacceptable frozen

Specimen Rejection:
Hemolysis
collapsed samples
refrigerated samples
frozen samples
serum samples
plasma samples

Methodology:
Quantitative colorimetric

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: VITAMIN B12
ABBREVIATION: 82607
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 82607
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Vitamin B12
ASTM/HL7/SDF 1: 82607
CPL: 2840
ZCPL: 2840
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
### Order Choice Information

**NAME:** B-12 BINDING CAPACITY  
**ABBREVIATION:** 82608  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 82608  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5018 PLR (1), C5018A SRM (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PLRED. PROTECT SERUM FROM LIGHT. FREEZE.  
**ASTM/HL7/SDF 1:** 82608  
**CPL:** 5018  
**ZCPL:** 5018  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Protect sample from light during collection, storage, and transport. Patient should be fasting for 12-15 hours prior to collection. Vitamin b-12 supplements should not be administered within 72 hours prior to collection. When multiple tests are ordered, submit separate tube for this test.  
*Volume*  
0.1 mL frozen serum  
**Conditions for specimen transportation:**  
Frozen  
**Specimen Acceptability:**  
After separation from cells: 6 hours room temperature; 1 week refrigerated; 1 month frozen  
**Specimen Rejection:**  
Plasma  
**Methodology:**  
Radioimmunoassay (ria) note: this assay measures the unsaturated binding capacity of serum for vitamin b12.  
**Specimen Referral:**  
Clinical Pathology Laboratories
Order Choice Information

NAME: DHEA NON-SULFATE (UNCONJ)
ABBREVIATION: 82626
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 82626
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE.
SAMPLE SHOULD BE COLLECTED BETWEEN 6 AM AND 10 AM.
ASTM/HL7/SDF 1: 82626
CPL: 4226
ZCPL: 4226
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate. Sample should be collected between 6 AM
and 10 AM.

Volume
0.3 mL serum

Conditions for specimen transport:
Refrigerated

Specimen Acceptability:
After separation from cells: 1 day room temperature; 1 week refrigerated; 6 months frozen

Methodology:
HPLC/TMS

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>Name: DHEA-SULFATE</th>
<th>Abbreviation: 82627</th>
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<tbody>
<tr>
<td>Specimen Type: Serum</td>
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<td>Storage Temp: RM TEMP</td>
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<tr>
<td>Instrument/LOC: DXI</td>
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<td>Tube/Container: LT GRN (1)</td>
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<td>Tests: Dhea- Sulfate</td>
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<td>ASTM/HL7/SDF 1: 82627</td>
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<td>CPL: 4225</td>
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<tr>
<td>ZCPL: 4225</td>
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<tr>
<td>Valid ICD-9 Codes: No</td>
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<td>Valid ICD-10 Codes: No</td>
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<td>Notes: None</td>
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</tr>
</tbody>
</table>

**Patient Preparation:** None

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycles

**Specimen Rejection:** Gross Hemolysis, Lipemia, Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None
| NAME: COMPOUND S |
| ABBREVIATION: 82634 |
| SPECIMEN TYPE: Serum |
| STORAGE TEMP: CR FZN |
| CPT CODE(S): 82634 |
| INSTRUMENT/LOC: CPL |
| TUBE/CONTAINER: C4217 PLR (1), C4217A SRM FZN (1) |
| TESTS: No tests in this specimen |
| ASTM/HL7/SDF 1: 82634 |
| CPL: 4217 |
| ZCPL: 4217 |
| VALID ICD-9 CODES: No |
| VALID ICD-10 CODES: No |
| NOTES: |

Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.3 mL serum

Conditions for specimen transportaion:
Frozen

Specimen Acceptability:
After separation from cells: unacceptable room temperature; 1 week refrigerated; 6 months frozen

Specimen Rejection:
Hemolysis
room temperature samples

Methodology:
High performance liquid chromatography-tandem mass spectrometry (hplc-ms/ms)

Specimen Referral:
Clinical Pathology Laboratories
NAME: DIGITOXIN
ABBREVIATION: 82640
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 80299
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5830 PLR (1), C5830 SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82640
CPL: 5830
ZCPL: 5830
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 ML SERUM FROM A PLAIN RED TOP TUBE. ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE WITHIN 2 HOURS OF COLLECTION.
REFRIGERATE.
NOTE: COLLECT SAMPLE AT STEADY-STATE CONCENTRATION; 8-12 HOURS AFTER LAST MEDICATION DOSE.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 5 days room temperature; 5 days refrigerated; 2 months frozen

Specimen Rejection:
Samples collected in serum separator tube
citrate plasma
ACD plasma
whole blood

Methodology:
Cedia immunoassay

Specimen Referral:
Clinical Pathology Laboratories
NAME: VIT D 1 25-DIHYDROXY
ABBREVIATION: 82652
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 82652
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4960 PLRED (1), C4960A SRM FZN (1)
TESTS: No tests in this specimen
INFORMATION: 12 HOUR FAST IS RECOMMENDED.
ASTM/HL7/SDF 1: 82652
CPL: 4960
ZCPL: 4960
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1mL serum. Allow SST to clot in upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection.
Refrigerate

Volume
1 mL serum or plasma

Conditions for specimen transportation:
Refrigerate

Specimen Acceptability:
After separation from cells: 3 days room temperature; 1 week refrigerated; 6 months frozen

Methodology:
Radioimmunoassay (ria)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: ERYTHROPOIETIN</th>
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<tr>
<td>ABBREVIATION: 82668</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: RM TEMP</td>
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<td>CPT CODE(S): 82668</td>
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<tr>
<td>INSTRUMENT/LOC: LABCORP</td>
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<td>TUBE/CONTAINER: SST GOLD (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<tr>
<td>CPL: 4836</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: Specimen: Serum</td>
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</table>

**Volume:**
0.5 mL

**Minimum Volume:**
0.3 mL (Note: This volume does not allow for repeat testing.)

**Container:**
Red-top tube or gel-barrier tube

**Collection:**
If a red-top tube is used, transfer separated serum to a plastic transport tube.

**Storage Instructions:**
Maintain specimen at room temperature.

**Stability:**
- Temperature Period
  - Room temperature - 14 days
  - Refrigerated - 14 days
  - Frozen - 14 days
  - Freeze/thaw cycles - Stable x3

**Reference Interval:**
2.6-18.5 mIU/mL

**Use:**
This test is intended as an aid in the diagnosis of anemias and polycythemias. With the advent of the administration of recombinant erythropoietin as a biologic therapy to increase red blood cell mass, an erythropoietin assay may be used also to aid in the prediction and monitoring of response to recombinant erythropoietin treatment of anemia.

**Limitations:**
Erythropoietin (EPO) levels alone cannot reliably distinguish between primary and secondary polycythemia; EPO levels are within normal limits in some patients with primary polycythemia.1 People living at high altitudes may have higher EPO levels than people living at lower altitudes. This assay cannot distinguish between endogenous and exogenous EPO. There is some diurnal variation in EPO levels. For optimal results in serial patient monitoring, all specimens should be collected at the same time of day.2

For assays employing antibodies, the possibility exists for interference by heterophile antibodies in the patient sample.1 Patients who have been regularly exposed to animals or have received immunotherapy or diagnostic procedures utilizing immunoglobulins or immunoglobulin fragments may produce antibodies (such as human anti-goat antibodies) that may cause erroneous results.
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME: ESTRADIOL</th>
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<td>ABBREVIATION: 82670</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: RM TEMP</td>
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<td>INSTRUMENT/LOC: DXI</td>
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<td>TUBE/CONTAINER: LT GRN (1)</td>
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<td>TESTS: Estradiol, Estradiol Assay</td>
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<td>VALID ICD-10 CODES: No</td>
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<td>NOTES: None</td>
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</table>

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
Order Choice Information

NAME: ESTROGEN FRACT.
ABBREVIATION: 82671
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 82671
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82671
CPL: 4229
ZCPL: 4229
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportaion:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 1 week refrigerated; 1 month frozen

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

- **NAME:** ESTROGEN TOTAL  
- **ABBREVIATION:** 82672  
- **SPECIMEN TYPE:** Serum  
- **STORAGE TEMP:** REFRIG  
- **CPT CODE(S):** 82672  
- **INSTRUMENT/LOC:** CPL  
- **TUBE/CONTAINER:** CPL PLAIN RED (1), CPL SERUM ALQ (1)  
- **TESTS:** No tests in this specimen  
- **INFORMATION:** LAV/plasma refrigerated or SST/serum refrigerated  
- **ASTM/HL7/SDF 1:** 82672  
- **CPL:** 4142  
- **ZCPL:** 4142  
- **VALID ICD-9 CODES:** No  
- **VALID ICD-10 CODES:** No

### NOTES:
- **Specimen Collection:**  
  Plain red top tube

- **Specimen Processing:**  
  3 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze.
- When multiple tests are ordered, submit separate tube for this test.

- **Volume**  
  1.5 mL serum

- **Conditions for specimen transportation:**  
  Frozen

- **Specimen Acceptability:**  
  Unacceptable room temperature; 1 week refrigerated; 2 weeks frozen

- **Specimen Rejection:**  
  Gross hemolysis  
gross lipemia  
room temperature samples

- **Methodology:**  
  Radioimmunoassay (ria)

- **Specimen Referral:**  
  Clinical Pathology Laboratories
Order Choice Information

NAME: ESTRIOL (UE3)
ABBREVIATION: 82677
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 82677
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: RECORD WEEKS OF GESTATION.
ASTM/HL7/SDF 1: 82677
CPL: 4840
ZCPL: 4840
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
0.25 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated; 6 months frozen

Specimen Rejection:
Hemolysis
Lipemia

Methodology:
Immunoenzymatic chemiluminescent

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** ESTRONE (E1)  
**ABBREVIATION:** 82679  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 82679  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ1 (1), CPL PLAIN RED (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 82679  
**CPL:** 4982  
**ZCPL:** 4982  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
2mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
Volume  
2 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
After separation from cells: 2 days room temperature; 1 week refrigerated; 1 month frozen  
Methodology:  
Hplc-tms  
Specimen Referral:  
Clinical Pathology Laboratories
### Order Choice Information

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<thead>
<tr>
<th>NAME:</th>
<th>FAT STOOL QUALITATIVE</th>
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<tr>
<td>SPECIMEN TYPE:</td>
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<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL CUP (1)</td>
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<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>CPL:</td>
<td>7040</td>
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<td>ZCPL:</td>
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<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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<td>NOTES:</td>
<td>Specimen Collection: Stool collection container</td>
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<td></td>
<td>Specimen Processing: 5 grams random stool in a stool collection container with no preservative. Freeze within 1 hour of collection. When multiple tests are ordered, submit separate sample for this test.</td>
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<td>Volume 1 gram stool</td>
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<td>Conditions for specimen transportation: Frozen</td>
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<td>Specimen Acceptability: 1 hour room temperature; 4 days refrigerated; 2 weeks frozen</td>
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<td>Specimen Rejection: Samples submitted in preservative diapers</td>
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<tr>
<td></td>
<td>Methodology: Microscopic stain</td>
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<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
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</table>
Order Choice Information

NAME: FAT STOOL QUANTITATIVE

ABBREVIATION: 82710

SPECIMEN TYPE: STOOL

STORAGE TEMP: CR FZN

CPT CODE(S): 82710

INSTRUMENT/LOC: CPL

TUBE/CONTAINER: FECAL FAT CONTAINER (1)

TESTS: No tests in this specimen

INFORMATION: OBTAIN A PREWEIGHED CONTAINER FROM CPL. FREEZE STOOL DURING COLLECTION.

THE PATIENT SHOULD BE ON A DIET CONSISTING OF 50-150 G OF FAT PER DAY FOR 3 DAYS PRIOR TO THE STUDY.

NON-ABSORBABLE FAT SUBSTITUTES SUCH AS OLESTRA SHOULD BE AVOIDED PRIOR TO COLLECTION. RECORD HOURS OF COLLECTION ON REQ.

FREEZE ENTIRE CONTAINER AND SEND TO CPL.

ASTM/HL7/SDF 1: 82710

CPL: 4848

ZCPL: 4848

VALID ICD-9 CODES: No

VALID ICD-10 CODES: No

NOTES:

Patient Preparation:
The patient should be on a diet consisting of 50-150 g of fat per day for 3 days prior to the study

Specimen Collection:
Stool collection container

Specimen Processing:
Obtain pre-weighed collection container from laboratory.
Collect 24, 48, or 72-hour stool collection. Refrigerate sample during collection. Record weight if final collection. Mix well and remove aliquot. If weight and time are not provided, it is assumed that the collection is random and alternative testing will be performed. Freeze within 1 hour of completion of sample collection.

The patient should be on a diet consisting of 50-150 g of fat per day for 3 days prior to the study. Non-absorbable fat substitutes such as olestra should be avoided prior to collection. When multiple tests are ordered, submit separate sample for this test.

Volume
1 gram stool

Transport Temperature
Frozen

Specimen Acceptability:
1 hour room temperature; 4 days refrigerated; 2 weeks frozen

Methodology:
Gravimetric

Specimen Rejection:
Specimens not submitted in pre-weighed container
samples >500 mL or >500 g
paint cans
random collections
samples containing barium or charcoal
samples submitted in media or preservatives

Specimen Referral:
Clinical Pathology Laboratories
NAME: FATTY ACID NON ESTERIZED 

ABBREVIATION: 82725

SPECIMEN TYPE: Serum

STORAGE TEMP: CR FZN

CPT CODE(S): 82725

INSTRUMENT/LOC: CPL

TUBE/CONTAINER: CPL SRM FZN (1), CPL SST GOLD (1)

TESTS: No tests in this specimen

INFORMATION: PRE-CHILLED PLAIN RED PRIOR TO COLLECTION. ALLOW SST TO CLOT ON ICE, THEN CENTRIFUGE SAMPLE AND SEPARATE SERUM FROM CELLS IMMEDIATELY.

ASTM/HL7/SDF 1: 82725

CPL: 4988

ZCPL: 4988

VALID ICD-9 CODES: No

VALID ICD-10 CODES: No

NOTES: Specimen Processing:

1 mL serum. Chill tubes prior to collection. Allow SST to clot on ice, then centrifuge sample and separate serum from cells immediately. Transfer 1 mL serum to a plastic transport tube. Freeze. Critical frozen (CFZ).

Fasting sample is preferred. When multiple tests are ordered, submit separate tube for this test.

Specimen Collection:

Serum separator tube

Volume

0.3 mL

Conditions for specimen transportaion:

Critical frozen (CFZ)

Specimen Acceptability:

After separation from cells: unacceptable room temperature; 4 hours refrigerated; 1 month frozen

Methodology:

Quantitative spectrophotometry

Specimen Rejection:

Room temperature samples
refrigerated samples
heparin plasma

Specimen Referral:

Clinical Pathology Laboratories
NAME: VERY LONG CHAIN FATTY ACID
ABBREVIATION: 82726
SPECIMEN TYPE: NAHEP PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 82726
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL NAHEP DK GRN (1), CPL PLASMA ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82726
CPL: 4391
ZCPL: 4391
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium or lithium heparin (green top) tube

Specimen Processing:
1 mL sodium or lithium heparin plasma. Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). Include patient age, gender, diet, and drug history. When multiple tests are ordered, submit separate tube for this test.

Volume
0.2 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: 1 day room temperature; 3 days refrigerated; 1 month frozen

Specimen Rejection:
Avoid repeated freeze/thaw cycles

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** FERRITIN  
**ABBREVIATION:** 82728  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 82728  
**INSTRUMENT/LOC:** DXI  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** Ferritin  
**ASTM/HL7/SDF 1:** 82728  
**CPL:** 2090  
**ZCPL:** 2090  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** Yes  
**NOTES:**  
*Patient Preparation:* None  
*Specimen Collection:* Lithium Heparin Plasma (preferred) or SST Serum  
*Specimen Processing:* Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
*Specimen Storage and Preservation:*  
- Room Temperature (15 to 30°C) 8 hours  
- Refrigerated (2 to 8°C) 2 days  
- Frozen Aliquot (-20°C) 7 days  
*Conditions for Specimen Transportation:*  
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
*Specimen Acceptability:* SST - SERUM  
*Freeze Thaw Cycle:* 1 cycle  
*Specimen Rejection:* Gross Hemolysis, Improper Container or Labeling  
*Methodology:* Chemiluminescence Immunoassay  
*Specimen Referral:* None
### Order Choice Information

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<thead>
<tr>
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<tbody>
<tr>
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<td>NOTES:</td>
<td>Patient Preparation: None</td>
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</table>

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Refrigerate ASAP after centrifugation.
- Refrigerated (2 to 8°C) 8 hours
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Refrigerated (2 to 8°C)

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Hemolysis, Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None
Order Choice Information

NAME: FOLIC ACID RBC
ABBREVIATION: 82747
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 82747
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV1 (1), CPL LAV2 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82747
CPL: 2690
ZCPL: 2690
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Hematocrit required for calculation. Please submit two lavender tubes. Refrigerate.

Volume
5 mL in 2 lavender top tubes

Conditions for specimen transportaion:
Refrigerated

Specimen Referral:
Clinical Pathology Laboratories
NAME: GALACTOSE 1 PHOS URIDY TRANS
ABBREVIATION: 82775
SPECIMEN TYPE: NAHEP WB
STORAGE TEMP: REFRIG
CPT CODE(S): 82775
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL NAHEP DK GRN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82775
CPL: 5054
ZCPL: 5054
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium or lithium heparin (green top) tube

Specimen Processing:
7 mL sodium or lithium heparin whole blood. Place tube on ice after collection. Critical refrigerate (CRF).
Do not freeze sample.

Volume
3 mL whole blood

Condition for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
Unacceptable room temperature; 5 days refrigerated; unacceptable frozen

Specimen Rejection:
Hemolysis
Frozen samples

Methodology:
Enzymatic

Specimen Referral:
Clinical Pathology Laboratories
NAME: IGE IMMUNOGLOBULIN
ABBREVIATION: 82785
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 82785
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82785
CPL: 4874
ZCPL: 4874
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Specimen Rejection:
Avoid repeated freeze/thaw cycles
Will reject if >500 mg/dL hemoglobin
Will reject if triglycerides >3000 mg/dL

Methodology:
Chemiluminometric (Centaur)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** GASTRIN BLOOD  
**ABBREVIATION:** 82941  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 82941  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C4231 PLRED (1), C4231A SRM FZN (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 82941  
**CPL:** 4231  
**ZCPL:** 4231  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Patient should be fasting for 12 hours prior to collection. When multiple tests are ordered, submit separate tube for this test.  
Volume  
0.6 mL serum  
Conditions for specimen transportation:  
Frozen  
Specimen Acceptability:  
After separation from cells: 8 hours room temperature; 1 week refrigerated; 1 month frozen  
Specimen Rejection:  
Gross hemolysis  
gross lipemia  
room temperature samples  
plasma  
tissue samples  
urine  
Methodology:  
Chemiluminescent immunoassay (clia)  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: GLUCAGON
ABBREVIATION: 82943
SPECIMEN TYPE: SEE HANDLING
STORAGE TEMP: CR FZN
CPT CODE(S): 82943
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL PLASTIC VIAL (1), CPL SCAT-875B (1)
TESTS: No tests in this specimen
INFORMATION: Collect 3 mL whole blood in a protease inhibitor tube using a winged collection set (butterfly tubing). Do not use direct phlebotomy with a needle/tube holder assembly as special collection tubes are not sterile. After collection, mix tube thoroughly. Centrifuge sample and separate plasma from cells within 1 hour of collection. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). Do not submit the original collection tube for testing. When multiple tests are ordered, submit separate tube for this test. Please contact referral testing department to obtain collection kit.

ASTM/HL7/SDF 1: 82943
CPL: 4850
ZCPL: 4850
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Protease inhibitor tube

Specimen Processing:
Collect 3 mL whole blood in a protease inhibitor tube using a winged collection set (butterfly tubing). Do not use direct phlebotomy with a needle/tube holder assembly as special collection tubes are not sterile. After collection, mix tube thoroughly. Centrifuge sample and separate plasma from cells within 1 hour of collection. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). Do not submit the original collection tube for testing. When multiple tests are ordered, submit separate tube for this test. Please contact referral testing department to obtain collection kit.

Volume
0.5 mL frozen plasma

Conditions for specimen transportaion:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: unacceptable room temperature; 3 days refrigerated; 3 months frozen

Specimen Rejection:
Gross hemolysis

Methodology:
Radio immunoassay (ria)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: GLUCOSE POST DOSE
ABBREVIATION: 82950
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 82950
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Glucose Post Dose
ASTM/HL7/SDF 1: 82950
CPL: 329
ZCPL: 329
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Lipemia, Improper Container or Labeling.
Methodology: Glucose Oxidase
Specimen Referral: None
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>2HR GTT (3 SPECIMENS)</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<td>TUBE/CONTAINER:</td>
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<tr>
<td>TESTS:</td>
<td>Glucose Fasting, Glucose 1Hr, Glucose 2Hr Post</td>
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<tr>
<td>INFORMATION:</td>
<td>Collect fasting give 75 gms then collect 1hr and 2hr post.</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
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</tbody>
</table>

| CPL: | 2110 |
| ZCPL: | 2110 |
| VALID ICD-9 CODES: | Yes |
| VALID ICD-10 CODES: | No |

### NOTES:
- Patient Preparation: Patient should fast for 12 hours preceding collection of specimen. Draw Fasting Glucose specimen before administering Glucose drink. Patient should be given 75 grams of glucose drink and should be consumed in 5 minutes. If patient is a pediatric patient and weighs less than 94 pounds, amount given is based on patient weight. Calculate appropriate amount using one of the factors below:
  - 0.8 grams/pound or 1.75 grams/Kilogram of body weight

- Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

- Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

- Specimen Storage and Preservation:
  - Room Temperature (15 to 30°C) 8 hours
  - Refrigerated (2 to 8°C) 2 days
  - Frozen Aliquot (-20°C) 7 days

- Conditions for Specimen Transportation:
  - Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
  - Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

- Specimen Acceptability: SST - SERUM

- Freeze Thaw Cycle: 1 cycle

- Specimen Rejection: Lipemia, Improper Container or Labeling.

- Methodology: Glucose Oxidase

- Specimen Referral: None
NAME: G6PD QUANTITATIVE
ABBREVIATION: 82955
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 82955
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 82955
CPL: 2705
ZCPL: 2705
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Refrigerate. Do not transfer to other containers for transport.

Volume
1.2 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week refrigerated

Specimen Rejection:
Hemolysis
will reject samples poured in other tubes
frozen samples

Methodology:
Enzymatic

Specimen Referral:
Clinical Pathology Laboratories
NAME: GGT
ABBREVIATION: 82977
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 82977
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: GGT
ASTM/HL7/SDF 1: 82977
CPL: 2216
ZCPL: 2216
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling.
Methodology: Enzymatic
Specimen Referral: None
Order Choice Information

NAME: GLYCATED PROTEIN ALBUMIN
ABBREVIATION: 82985
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 82985
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4232 PLR (1), C4232A SRM FZN (1)
TESTS: No tests in this specimen
INFORMATION: Clot 30 min
ASTM/HL7/SDF 1: 82985
CPL: 4232
ZCPL: 4232
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.4 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 2 hours room temperature; 8 days refrigerated; 3 months frozen

Specimen Rejection:
Room temperature samples

Methodology:
Borionate affinity chromatography/turbidmetric IA

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: FSH
ABBREVIATION: 83001
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 83001
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: FSH
ASTM/HL7/SDF 1: 83001
CPL: 2700
LABCORP: 502280
ZCPL: 2700
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
# Order Choice Information

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<tr>
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<th>LUTEINIZING HORMONE (LH)</th>
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<td>NOTES:</td>
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</table>

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Hemolysis, Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None
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<th>GROWTH HORMONE (HGH)</th>
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<td><strong>TESTS:</strong></td>
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<td><strong>NOTES:</strong></td>
<td>Specimen Collection: Serum separator tube</td>
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**Specimen Processing:**
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

**Volume**
0.5 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
1 day room temperature; 6 days refrigerated

**Methodology:**
Immulite 2000 chemiluminescence quantitative method

**Specimen Referral:**
Clinical Pathology Laboratories
Order Choice Information

NAME: HEAVY METALS, URINE
ABBREVIATION: 83015
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 83015
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24HR UR (1), CPL 24U ALQ (1)
TESTS: No tests in this specimen
INFORMATION: PATIENTS SHOULD BE ENCOURAGED TO DISCONTINUE NUTRITIONAL SUPPLEMENTS, VITAMINS, MINERALS, NONESSENTIAL OVER-THE-COUNTER MEDICATIONS (UPON THE ADVICE OF THEIR PHYSICIAN), AND AVOID SHELLFISH AND SEAFOOD FOR 48 TO 72 HOURS. ABSTINENCE FROM IODINE-CONTAINING MEDICATIONS OR CONTRAST AGENTS FOR AT LEAST 1 MONTH PRIOR TO COLLECTING SPECIMENS FOR ELEMENTAL TESTING IS RECOMMENDED.
10 ML ALIQUOT FROM A WELL-MIXED 24 HOUR URINE COLLECTION. REFRIGERATE
ASTM/HL7/SDF 1: 83015
CPL: 4350
ZCPL: 4350
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Processing:
10 mL aliquot from a well-mixed 24 hour urine collection. Specimen must be refrigerated during collection. Record total volume. Refrigerate. Diet, medication and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, nonessential over-the-counter medications (upon the advice of their physician), and avoid shellfish and seafood for 48 to 72 hours. High concentrations of iodine may interfere with elemental testing. Abstinence from iodine-containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.

Specimen Referral:
Clinical Pathology Laboratories

Includes, arsenic, copper, lead, zinc, mercury, cadmium

NAME: HEAVY METALS BLOOD
ABBREVIATION: 83018
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 82175, 83655, 83825
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL EDTA RBLUE (2)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 83018
CPL: 5930
ZCPL: 5930
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Processing:
7 mL whole blood in a royal blue trace metal-free tube with EDTA. Refrigerate.

Specimen Referral:
Clinical Pathology Laboratories
**NAME:** HEMOGLOBIN A1C  
**ABBREVIATION:** 83036  
**SPECIMEN TYPE:** WB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 83036  
**INSTRUMENT/LOC:** BIO-RAD VARIANT II  
**TUBE/CONTAINER:** LAV (1)  
**TESTS:** Hemoglobin A1C %, Hemoglobin A0 %, TOTAL AREA  
**ASTM/HL7/SDF 1:** 83036  
**LABCORP:** 001453  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** Yes  
**NOTES:**  
Patient Preparation: None  
Specimen Collection: Lavender Tube EDTA Whole Blood only  
Specimen Processing: None  
Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 7 days  
Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: EDTA Whole Blood  
Freeze Thaw Cycle: N/A  
Specimen Rejection: Improper Container or Labeling  
Methodology: HPLC  
Specimen Referral: None

---

**NAME:** METHEMOGLOBIN QNT  
**ABBREVIATION:** 83050  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 83050  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** CALL CPL FOR STAT PICK-UP! TIME SENSITIVE TEST.  
**ASTM/HL7/SDF 1:** 83050  
**CPL:** WILD 600  
**ZCPL:** WILD 600  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:** 6/22/2011 11:56 AM: REACTIVATED. CE  
***  
deleted per CPL 5.20.09
### Order Choice Information

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<thead>
<tr>
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<th>HEMOGLOBIN PLASMA</th>
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</thead>
<tbody>
<tr>
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<td>Specimen Type:</td>
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<td>Instrument/LOC:</td>
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<tr>
<td>Tube/Container:</td>
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<td>Tests:</td>
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<td>Notes:</td>
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<tr>
<td></td>
<td>Sodium or lithium heparin (green top) tube</td>
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<tr>
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<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>2 ML SODIUM OR LITHIUM HEPARIN PLASMA. AVOID HEMOLYSIS. CENTRIFUGE SAMPLE AND SEPARATE PLASMA FROM CELLS WITHIN 2 HOURS OF COLLECTION (DELAYED SEPARATION FROM CELLS WILL ELEVATE PLASMA HEMOGLOBIN). TRANSFER PLASMA TO A PLASTIC TRANSPORT TUBE. CRITICAL REFRIGERATE (CRF).</td>
</tr>
<tr>
<td></td>
<td>Volume</td>
</tr>
<tr>
<td></td>
<td>0.7 mL plasma</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td></td>
<td>CRITICAL REFRIGERATED (CRF)</td>
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<tr>
<td></td>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td></td>
<td>2 hours room temperature; 1 week refrigerated; unacceptable frozen</td>
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<tr>
<td></td>
<td>Specimen Rejection:</td>
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<tr>
<td></td>
<td>Hemolysis</td>
</tr>
<tr>
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<td>serum</td>
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<tr>
<td></td>
<td>EDTA and citrate plasma</td>
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<tr>
<td></td>
<td>frozen samples</td>
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<td>Methodology:</td>
</tr>
<tr>
<td></td>
<td>Spectrophotometry</td>
</tr>
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<td></td>
<td>Specimen Referral:</td>
</tr>
<tr>
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<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

### Notes:

- Specimen Collection:
  - Sodium or lithium heparin (green top) tube

- Specimen Processing:
  - 2 ML SODIUM OR LITHIUM HEPARIN PLASMA. AVOID HEMOLYSIS. CENTRIFUGE SAMPLE AND SEPARATE PLASMA FROM CELLS WITHIN 2 HOURS OF COLLECTION (DELAYED SEPARATION FROM CELLS WILL ELEVATE PLASMA HEMOGLOBIN). TRANSFER PLASMA TO A PLASTIC TRANSPORT TUBE. CRITICAL REFRIGERATE (CRF).

- Volume:
  - 0.7 mL plasma

- Conditions for specimen transportation:
  - CRITICAL REFRIGERATED (CRF)

- Specimen Acceptability:
  - 2 hours room temperature; 1 week refrigerated; unacceptable frozen

- Specimen Rejection:
  - Hemolysis
  - serum
  - EDTA and citrate plasma
  - frozen samples

- Methodology:
  - Spectrophotometry

- Specimen Referral:
  - Clinical Pathology Laboratories
**Order Choice Information**

- **NAME:** HEMOGLOBIN, URINE
- **ABBREVIATION:** 83069
- **SPECIMEN TYPE:** Urine
- **STORAGE TEMP:** CR FZN
- **CPT CODE(S):** 83069
- **INSTRUMENT/LOC:** CPL
- **TUBE/CONTAINER:** CPL RU CUP (1)
- **TESTS:** No tests in this specimen
- **INFORMATION:** FREEZE URINE ALQ.
- **ASTM/HL7/SDF 1:** 83069
- **CPL:** 4106
- **ZCPL:** 4106
- **VALID ICD-9 CODES:** No
- **VALID ICD-10 CODES:** No
- **NOTES:**
  - Specimen Collection: Sterile container
  - Specimen Processing: 5 mL random urine in sterile container. Critical frozen (CFZ). When multiple tests are ordered, submit separate sample for this test.
  - **Volume** 2 mL urine
  - **Conditions for specimen transportaion:** Critical frozen (CFZ)
  - **Specimen Acceptability:** Unacceptable room temperature; 8 hours refrigerated; 1 month frozen
  - **Specimen Rejection:** Thawed samples
  - **Methodology:** Spectrophotometry
  - **Specimen Referral:** Clinical Pathology Laboratories
### Order Choice Information

<table>
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<tr>
<th>NAME:</th>
<th>HEMOSIDERIN URINE QUAL</th>
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<tr>
<td>ABBREVIATION:</td>
<td>83070</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>1STMU</td>
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<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<td>CPL</td>
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<td>TUBE/CONTAINER:</td>
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<tr>
<td>CPL:</td>
<td>4352</td>
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<td>ZCPL:</td>
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<tr>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Urine collection container</td>
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<tr>
<td>Specimen Processing:</td>
<td>4 mL aliquot from a well-mixed first morning urine collection. Transfer urine to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate sample for this test.</td>
</tr>
<tr>
<td>Volume</td>
<td>1 mL urine</td>
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<tr>
<td>Conditions for specimen transpotation:</td>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>1 hour room temperature; 1 day refrigerated; 1 week frozen</td>
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<tr>
<td>Specimen Rejection:</td>
<td>Thawed samples</td>
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<td></td>
<td>samples submitted in preservatives</td>
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<tr>
<td>Methodology:</td>
<td>Microscopic stain</td>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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</table>
Order Choice Information

NAME: HISTAMINE 24 HOUR URINE
ABBREVIATION: 83088
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 83088
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4353 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 83088
CPL: 4353
ZCPL: 4353
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate sample for this test.

Volume
1 mL urine

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature; 1 day refrigerated; 6 months frozen

Specimen Rejection:
Room temperature samples

Methodology:
Enzyme immunoassay (eia)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** HOMOCYSTEINE ASSAY  
**ABBREVIATION:** 83090  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 83090  
**INSTRUMENT/LOC:** BCI DXC 880i (n)  
**TUBE/CONTAINER:** HEP PLASMA (1), LT GRN (1)  
**TESTS:** Homocysteine (n)  
**INFORMATION:** Chill on ice until plasma separation. Centrifuge ASAP!  
**ASTM/HL7/SDF 1:** 83090  
**CPL:** 4288  
**LABCORP:** 706994  
**ZCPL:** 4288  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient Preparation: None  
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Place all specimens (serum and plasma) on ice after collection and prior to processing. Serum may clot more slowly and the volume may be reduced. Separate red blood cells from serum or plasma by centrifugation and aliquot.  
Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 14 days; Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection.; Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - Serum  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Gross Lipemia, Improper Container or Labeling.  
Methodology: Enzymatic  
Specimen Referral: None
### Order Choice Information

**NAME:** HOMOVANILLIC ACID 24HR  
**ABBREVIATION:** 83150  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 83150  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C4921 24U ALQ (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 83150  
**CPL:** 4921  
**ZCPL:** 4921  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

**NOTES:**
Specimen Collection:
- Urine collection container

Specimen Processing:
- 24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. Medications that may interfere with testing include amphetamines and amphetamine-like compounds, appetite suppressants, bromocriptine, buspirone, caffeine, chlorpromazine, clonidine, disulfiram, diuretics (in doses sufficient to deplete sodium), epinephrine, glucagon, guanethidine, histamine, hydrazine derivatives, imipramine, levodopa (l-dopa, sinemet), lithium, mao inhibitors, melatonin, methyldopa (aldomet), morphine, nitroglycerin, nose drops, propafenone (rythmol), radiographic agents, rauwolfia alkaloids (reserpine), tricyclic antidepressants, and vasodilators. Patients should abstain from medications for 72 hours prior to collection, upon the advice of their physician. When multiple tests are ordered, submit separate sample for this test.

**Volume**
- 4 mL urine

Conditions for specimen transportation:
- Frozen

Specimen Acceptability:
- Unacceptable room temperature;

Specimen Rejection:
- Room temperature samples

Methodology:
- High performance liquid chromatography (hplc)

Specimen Referral:
- Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME</th>
<th>17-HYDROXYCORTICOST 24HR</th>
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<tbody>
<tr>
<td>ABBREVIATION</td>
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<tr>
<td>SPECIMEN TYPE</td>
<td>Urine</td>
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<tr>
<td>STORAGE TEMP</td>
<td>CR FZN</td>
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<tr>
<td>CPT CODE(S)</td>
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<td>INSTRUMENT/LOC</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER</td>
<td>C4302 24U ALQ1 (1), C4302 24U ALQ2 (1)</td>
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<td>TESTS</td>
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<td>INFORMATION</td>
<td>SUBMIT 2 ALQ'S FROZEN 24 URINE.</td>
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<tr>
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<td>CPL</td>
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<tr>
<td>VALID ICD-9 CODES</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - Urine collection container

**Specimen Processing:**
- 24 hour urine refrigerated during collection. Record total volume. Transfer 12 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. Critical frozen (CFZ).
- When multiple tests are ordered, submit separate sample for this test.

**Volume**
- 12 mL frozen urine

**Conditions for specimen transportation:**
- Critical frozen (CFZ)

**Specimen Acceptability:**
- Unacceptable room temperature; unacceptable refrigerated; 1 month frozen

**Specimen Rejection:**
- Room temperature samples
- Refrigerated samples

**Methodology:**
- Porter silber

**Specimen Referral:**
- Clinical Pathology Laboratories
NAME: 5-HIAA 24HR URINE
ABBREVIATION: 83497
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 83497
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4310 24U ALQ (1)
TESTS: No tests in this specimen
INFORMATION: Give patient pre-collection special instructions sheet.
ASTM/HL7/SDF 1: 83497
CPL: 4310
ZCPL: 4310
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container
Specimen Processing:
24 hour urine refrigerated during collection. Record total volume. Transfer 10 mL from a well-mixed 24 hour collection to a plastic transport tube. Freeze.
When multiple tests are ordered, submit separate sample for this test.
Patients should abstain, if possible, from medications, over-the-counter drugs, and herbal remedies for at least 72 hours prior to collection. Foods rich in serotonin (avocados, bananas, eggplant, pineapple, plums, tomatoes, walnuts) and medications that may affect metabolism of serotonin must be avoided for at least 72 hours before and during collection of urine for hiaa. Foods and medications associated with altered urinary hiaa results:
decreased hiaa:
aspirin, chlorpromazine (thorazine), corticotropin, dihydroxyphenylacetic acid, alcohol, gentisic acid, homogentisic acid, hydrazide derivatives, imipramine (tofranil), isocarboxazid (marplan), keto acids, levodopa, mao inhibitors, methenamine, methyldopa (aldomet), perchlorperazine, phenothiazines (compazine), promazine, premethezine (mepergan).
Increased hiaa:
acetaminophen, acetylcholine, caffeine, coumeric acid, diazepam (valium), ephedrine, fluorouracil, glycerol, guaiacolate (guaienesin), mephalan (alkeran), mephenesin, methamphetamine (desoxyn), methocarbamol (robaxin), naproxen, nicotine, phenacetin, phenmetrazine, phenobarbital, phenolamine, rauwolfia, reserpine.
Volume
2 mL urine
Conditions for specimen transportation:
Frozen
Specimen Stability
Unacceptable room temperature; 1 week refrigerated; 2 weeks frozen
Specimen Rejection:
Room temperature samples
Methodology:
HIGH PERFORMANCE LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY
Order Choice Information

NAME: 17-HYDROXYPROGESTERONE
ABBREVIATION: 83498
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 83498
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ1 (1), CPL PLAIN RED BASE (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 83498
CPL: 4304
ZCPL: 4304
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Freeze. When multiple tests are ordered, submit separate
tube for this test.

Volume
0.3 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: unacceptable room temperature; 1 week refrigerated; 6 months frozen

Specimen Rejection:
Gross hemolysis

Methodology:
High performance liquid chromatography-tandem mass spectrometry (hplc-ms/ms)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

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<tbody>
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<tr>
<td>SPECIMEN TYPE: Urine</td>
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<td>STORAGE TEMP: CR FZN</td>
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<td>CPT CODE(S): 83500</td>
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<td>INSTRUMENT/LOC: CPL</td>
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<td>TUBE/CONTAINER: C4354 24U ALQ (1)</td>
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<td>NOTES:</td>
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<td>Specimen Processing:</td>
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<tr>
<td>5 mL first morning urine. Freeze. When multiple tests are ordered, submit separate sample for this test.</td>
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<tr>
<td>Volume</td>
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<tr>
<td>1 mL frozen urine</td>
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<td>Conditions for specimen transportation:</td>
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<td>Frozen</td>
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<td>Specimen Acceptability:</td>
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<tr>
<td>2 hours room temperature; 1 week refrigerated; 3 months frozen</td>
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<td>Specimen Rejection:</td>
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<td>Room temperature samples</td>
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<td>Methodology:</td>
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<td>Enzyme immunoassay (eia)</td>
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### Order Choice Information

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<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
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<td>TESTS:         No tests in this specimen</td>
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<td>CPL:           4721</td>
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<td>ZCPL:          4721</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>NOTES:         Specimen Collection:</td>
<td></td>
</tr>
<tr>
<td>Serum separator tube</td>
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</tbody>
</table>

**Specimen Collection:**
Serum separator tube

**Specimen Processing:**
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

**Volume**
1 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
Unacceptable room temperature;

**Specimen Rejection:**
Hemolysis

**Methodology:**
IFA

**Specimen Referral:**
Clinical Pathology Laboratories
Order Choice Information

NAME: MELATONIN
ABBREVIATION: 83519
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 83519
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1), CPL SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF: 83519
CPL: 4292
ZCPL: 4292
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test

Volume
0.6 mL serum

conditions for specimen transportation:
Frozen

Specimen Acceptability:
1 day room temperature; 2 days refrigerated; 3 months frozen

Specimen Rejection:
Hemolysis
Lipemia

Methodology:
Radioimmunoassay (ria)

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
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<tr>
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<td>Notes: Patient Preparation: None</td>
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</table>

**Specimen Collection:** SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:** Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 24 hours; Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:** Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST Serum

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Hemolysis, Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None
| NAME: IRON (FE)                                    |
| ABBREVIATION: 83540                               |
| SPECIMEN TYPE: Serum                              |
| STORAGE TEMP: RM TEMP                             |
| CPT CODE(S): 83540                                |
| INSTRUMENT/LOC: DXC                               |
| TUBE/CONTAINER: LT GRN (1)                        |
| TESTS: Iron, Serum                                |
| ASTM/HL7/SDF 1: 83540                             |
| CPL: 2222                                         |
| ZCPL: 2222                                        |
| VALID ICD-9 CODES: Yes                            |
| VALID ICD-10 CODES: Yes                           |
| NOTES:                                           |
| Patient Preparation: None                         |

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.

Methodology: FerroZine

Specimen Referral: None
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: 17-KETOSTEROIDS 24HR URINE</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION: 83586</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Urine</td>
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<tr>
<td>STORAGE TEMP: CR FZN</td>
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<td>CPT CODE(S): 83586</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<td>TUBE/CONTAINER: CPL 24U ALQ (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 83586</td>
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<tr>
<td>CPL: 4400</td>
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<td>ZCPL: 4400</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: Specimen Collection: Urine collection container</td>
</tr>
</tbody>
</table>

**Specimen Processing:**
24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. When multiple tests are ordered, submit separate sample for this test.
A large number of substances may interfere with this test. Decreases may be caused by carbamazepine, cephaloridine, cephalothin, chloromerodrin, digoxin, glucose, metyrapone, promazine, propoxyphene, reserpine, and others.
Increases may be caused by acetone, acetophenide, ascorbic acid, chloramphenicol, chlorothiazide, chlorpromazine, cloxacillin, dexamethasone, erythromycin, ethinamate, erytptamine, methicillin, methyprylon, morphine, oleandomycin, oxacillin, penicillin, phenaglycodol, phenazopyridine, phenothiazine, piperidine, quinidine, secobarbital, spironolactone, and others.

**Volume**
3 mL urine

**Conditions for specimen transportation:**
Frozen

**Specimen Acceptability:**
4 hours room temperature; 2 weeks refrigerated; 1 month frozen

**Specimen Rejection:**
Room temperature samples

**Methodology:**
Spectrophotometry

**Specimen Referral:**
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME</th>
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<tbody>
<tr>
<td>ABBREVIATION</td>
<td>83593</td>
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<tr>
<td>SPECIMEN TYPE</td>
<td>Urine</td>
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<td>STORAGE TEMP</td>
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<td>CPT CODE(S)</td>
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<td>INSTRUMENT/LOC</td>
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<td>TUBE/CONTAINER</td>
<td>CPL 24U ALQ (1)</td>
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<tr>
<td>TESTS</td>
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<tr>
<td>ASTM/HL7/SDF 1</td>
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<tr>
<td>CPL</td>
<td>4308</td>
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<td>ZCPPL</td>
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<tr>
<td>VALID ICD-9 CODES</td>
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<tr>
<td>VALID ICD-10 CODES</td>
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Printed on: January 29, 2016  3:28 PM
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME: LACTIC ACID, PLASMA</th>
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<tbody>
<tr>
<td>ABBREVIATION: 83605</td>
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<tr>
<td>SPECIMEN TYPE: FL PL</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 83605</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL FL PLASMA (1), CPL GRAY (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: THE PATIENT SHOULD BE AT REST BEFORE COLLECTING THE SAMPLE. MOVEMENT OF THE HAND OR ARM SHOULD BE AVOIDED.</td>
</tr>
</tbody>
</table>

- **ASTM/HL7/SDF 1:** 83605  
- **CPL:** 2119  
- **ZCPL:** 2119  
- **VALID ICD-9 CODES:** No  
- **VALID ICD-10 CODES:** No

### NOTES:

**Specimen Collection:**  
Sodium fluoride/potassium oxalate (gray top) tube

**Specimen Processing:**  
2 mL sodium fluoride plasma. The patient should be at rest before collecting the sample. Movement of the hand or arm should be avoided. Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube. Refrigerate.  
For STAT orders, please contact your local CPL laboratory for local specimen requirements.

**Volume**  
1 mL plasma

**Conditions for specimen transportation:**  
Refrigerated

**Specimen Acceptability:**  
8 hours room temperature; 2 weeks refrigerated; 1 month frozen

**Specimen Rejection:**  
Gross hemolysis  
samples submitted in anticoagulant other than sodium fluoride

**Methodology:**  
Enzymatic

**Specimen Referral:**  
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>Name</th>
<th>LDH</th>
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<tbody>
<tr>
<td>Abbreviation</td>
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</tr>
<tr>
<td>Specimen Type</td>
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<tr>
<td>Storage Temp</td>
<td>RM TEMP</td>
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<tr>
<td>CPT Code(s)</td>
<td>83615</td>
</tr>
<tr>
<td>Instrument/LOC</td>
<td>DXC</td>
</tr>
<tr>
<td>Tube/Container</td>
<td>LT GRN (1)</td>
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<tr>
<td>Tests</td>
<td>Lactate Dehydrogenase (LDH)</td>
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<tr>
<td>ASTM/HL7/SDF</td>
<td>1: 83615</td>
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<td>CPL</td>
<td>2224</td>
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<td>ZCPL</td>
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<td>Valid ICD-9 Codes</td>
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<tr>
<td>Valid ICD-10 Codes</td>
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<tr>
<td>Notes</td>
<td>Patient Preparation: None</td>
</tr>
</tbody>
</table>

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** N/A

**Specimen Rejection:** Gross Hemolysis, Lipemia, Improper Container or Labeling.

**Methodology:** Enzymatic

**Specimen Referral:** None
**Order Choice Information**

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<thead>
<tr>
<th>NAME:</th>
<th>LDH ISOENZYMES</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>83625</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR RM TEMP</td>
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<td>CPT CODE(S):</td>
<td>83625</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>83625</td>
</tr>
<tr>
<td>CPL:</td>
<td>2765</td>
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<tr>
<td>ZCPL:</td>
<td>2765</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>
| NOTES: | Specimen Collection:  
| | Serum separator tube  
| Specimen Processing:  
| | 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Critical room temperature (CRT).  
| Volume | 1 mL serum  
| Conditions for specimen transportation: | Critical room temperature (CRT)  
| Specimen Acceptability: | After separation from cells:  
| Specimen Rejection: | Hemolysis  
| Methodology: | PHOTOMETRIC/KINETIC ELECTROPHORESIS  
| Specimen Referral: | Clinical Pathology Laboratories |
NAME: LEAD 24HR URINE
ABBREVIATION: 83655
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 83655
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4358 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 83655
CPL: 4358
ZCPL: 4358
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Trace element-free transport tube

Specimen Processing:
10 mL aliquot from a well-mixed 24 hour urine collection.
Specimen must be refrigerated during collection. Record total volume. Refrigerate.
Diet, medication and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, nonessential over-the-counter medications (upon the advice of their physician), and avoid shellfish and seafood for 48 to 72 hours. High concentrations of iodine may interfere with elemental testing. Abstinence from iodine-containing mediations or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.

Volume
1 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week room temperature; 2 weeks refrigerated; 1 year frozen

Methodology:
Inductively coupled plasma/mass spectrometry (icp/ms)

Specimen Rejection:
Urine collected within 48 hours of gadolinium (mri)
acid-preserved urine

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: LIPASE
ABBREVIATION: 83690
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 83690
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Lipase
ASTM/HL7/SDF 1: 83690
CPL: 2124
ZCPL: 2124
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
  Patient Preparation: None
  Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
  Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
  Specimen Storage and Preservation:
    Room Temperature (15 to 30°C) 8 hours
    Refrigerated (2 to 8°C) 2 days
    Frozen Aliquot (-20°C) 7 days
  Conditions for Specimen Transportation:
    Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
    Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
  Specimen Acceptability: SST - SERUM
  Freeze Thaw Cycle: 1 cycle
  Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.
  Methodology: Enzymatic
  Specimen Referral: None
Order Choice Information

NAME: LIPOPROTEIN ELECTROPHORESIS
ABBREVIATION: 83715
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 83715
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 83715
CPL: 4879
ZCPL: 4879
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate. Patient should be fasting for 12-15 hours
prior to collection.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Heparin

Methodology:
Electrophoresis/enzymatic/detergent solubilization

Specimen Referral:
Clinical Pathology Laboratories
NAME: LIPOPROTEIN CHOLEST QNT
ABBREVIATION: 83716
SPECIMEN TYPE: LIPO SCIENCE
STORAGE TEMP: CR REFRIG
CPT CODE(S): 83716
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL BUMBLE BEE (1)
TESTS: No tests in this specimen

INFORMATION: COMPLETELY FILLED LIPO SCIENCE COLLECTION TUBE. GENTLY INVERT COLLECTION TUBE TO MIX CONTENTS AND ALLOW SAMPLE TO CLOT FOR 30 MINUTES AT ROOM TEMPERATURE. CENTRIFUGE SAMPLE AT 3,000 RPM FOR 15 MINUTES WITHIN 6 HOURS OF COLLECTION. DO NOT TRANSFER TO OTHER CONTAINERS FOR TRANSPORT. CRITICAL REFRIGERATE. PATIENT SHOULD BE FASTING FOR 12 HOURS PRIOR TO COLLECTION.

ASTM/HL7/SDF 1: 83716
CPL: 4351
ZCPL: 4351
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No

NOTES:
Specimen Collection:
Lipo science (lipo tube, bumble bee) collection tube

Specimen Processing:
Completely filled lipo science collection tube.
Gently invert collection tube to mix contents and allow
sample to clot for 30 minutes at room temperature.
Centrifuge sample within 2 hours of collection. Do not
transfer to other containers for transport.
Critical refrigerate (CRF). Patient should be fasting for
12 hours prior to collection.

Volume
Completely filled lipo science collection tube

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
Unacceptable room temperature; 6 days refrigerated; unacceptable frozen

Specimen Rejection:
Gross hemolysis
samples that have not been refrigerated or centrifuged and
separated from cells.
samples collected in serum or plasma separator tubes due
to interfering substances that may make samples unsuitable
for nmr analysis.
frozen samples

Methodology:
Nuclear magnetic resonance (nmr)

Specimen Referral:
Clinical Pathology Laboratories
**NAME:** HDL CHOLESTEROL  
**ABBREVIATION:** 83718  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 83718  
**INSTRUMENT/LOC:** DXC  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** HDL  
**INFORMATION:** Includes: Chol, HDL, %HDL, Risk  
**ASTM/HL7/SDF 1:** 83718  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** Yes  
**NOTES:**  
- Patient Preparation: None  
- Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
- Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
- Specimen Storage and Preservation:  
  - Room Temperature (15 to 30°C) 8 hours  
  - Refrigerated (2 to 8°C) 2 days  
  - Frozen Aliquot (-20°C) 7 days  
- Conditions for Specimen Transportation:  
  - Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
  - Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
- Specimen Acceptability: SST - SERUM  
- Freeze Thaw Cycle: 1 cycle  
- Specimen Rejection: Improper Container or Labeling.  
- Methodology: Colorimetric  
- Specimen Referral: None
**Order Choice Information**

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<th>NAME:</th>
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<tr>
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<tr>
<td>NOTES:</td>
<td>Patient Preparation: None</td>
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</table>

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 5 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Lipemia, Improper Container or Labeling.

**Methodology:** Colorimetric

**Specimen Referral:** None
### Order Choice Information

<table>
<thead>
<tr>
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<td>ABBREVIATION: 83735</td>
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<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: RM TEMP</td>
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<td>TUBE/CONTAINER: LT GRN (1)</td>
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<td>TESTS: Magnesium</td>
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<td>NOTES:</td>
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<td>Patient Preparation: None</td>
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<tr>
<td>Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum</td>
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<tr>
<td>Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
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<tr>
<td>Specimen Storage and Preservation:</td>
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<tr>
<td>Room Temperature (15 to 30°C) 8 hours</td>
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<td>Refrigerated (2 to 8°C) 2 days</td>
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<tr>
<td>Frozen Aliquot (-20°C) 7 days</td>
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<td>Conditions for Specimen Transportation:</td>
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<tr>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
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<tr>
<td>Specimen Acceptability: SST - SERUM</td>
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<td>Freeze Thaw Cycle: 1 cycle</td>
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<tr>
<td>Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.</td>
</tr>
<tr>
<td>Methodology: Calmagite</td>
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<td>Specimen Referral: None</td>
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## Order Choice Information

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<tr>
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<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: RM TEMP</td>
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<td>INSTRUMENT/LOC: CPL</td>
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<td>TUBE/CONTAINER: CPL TR/METAL ALQ (1), CPL TR/MET RBLUE (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<td>CPL: 4243</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>

### NOTES:

**Specimen Collection:**
- Trace metal (royal blue top) tube with no additive

**Specimen Processing:**
- 2 mL serum collected in trace metal-free tube without additives. Centrifuge sample and separate serum from cells within 6 hours of collection. Transfer serum to a trace metal-free transport container and label as "trace metal". Room temperature.
- Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician).

**Volume**
- 0.7 mL

**Conditions for specimen transportation:**
- Room temperature

**Specimen Acceptability:**
- Stable if drawn in trace metal tube

**Specimen Rejection:**
- Hemolysis
- Clotted samples
- Samples collected in serum separator tube
- Serum not separated from cells within 6 hours of collection

**Methodology:**
- Inductively coupled plasma-mass spectrometry (icp/ms)

**Specimen Referral:**
- Clinical Pathology Laboratories
NAME: MERCURY URINE
ABBREVIATION: 83825
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 83825
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 83825
CPL: 4366
ZCPL: 4366
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Trace element-free transport tube

Specimen Processing:
10 mL aliquot from a well-mixed 24 hour urine collection.
Specimen must be refrigerated during collection. Record
total volume. Refrigerate.
Diet, medication and nutritional supplements may introduce
interfering substances. Patients should be encouraged to
discontinue nutritional supplements, vitamins, minerals,
nonessential over-the-counter medications (upon the advice
of their physician), and avoid shellfish and seafood for 48
to 72 hours. High concentrations of iodine may interfere
with elemental testing. Abstinence from iodine-containing
medications or contrast agents for at least 1 month prior to
collecting specimens for elemental testing is recommended.

Volume
1 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Urine collected within 48 hours of gadolinium (mri)
acid preserved samples

Methodology:
Inductively coupled plasma/mass spectrometry (ICP-MS)

Specimen Referral:
Clinical Pathology Laboratories
NAME: METANEPHRINES 24HR URINE  
ABBREVIATION: 83835  
SPECIMEN TYPE: Urine  
STORAGE TEMP: CR FZN  
CPT CODE(S): 83835  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: C4369 24U ALQ (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 83835  
CPL: 4369  
ZCPL: 4369  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Urine collection container  
Specimen Processing:  
24 hr urine refrigerated during collection.  
Record total volume. Transfer 10 mL from a well-mixed  
24 hr collection to a plastic aliquot tube. Freeze.  
When multiple tests are ordered, submit separate sample for  
this test.  
If possible, patient should abstain from medications for  
72 hours prior to collection. Medications that may  
interfere with catecholamines and metabolites include  
amphetamines and amphetamine-like compounds, appetite  
suppressants, bromocriptine, buspirone, caffeine.  
Carbidopa-levodopa (sinemet), clonidine, dexamethasone,  
diuretics (in doses sufficient to deplete sodium), ethanol,  
isoproterenol, methyl dopa (aldomet), mao inhibitors,  
nicotine, nose drops, propafenone (rythmol), reserpine,  
theophylline, tricyclic antidepressants, and vasodilators.  
The effects of some drugs on catecholamine results may not  
be predictable.  
Volume  
10 mL urine  
Conditions for specimen transportation:  
Frozen  
Specimen Acceptability:  
Unacceptable room temperature;  
Specimen Rejection:  
Room temperature samples  
Methodology:  
High performance liquid chromatography-tandem  
Specimen Referral:  
Clinical Pathology Laboratories
NAME: MYOGLOBIN SERUM
ABBREVIATION: 83874
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 83874
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4249 PLR (1), C4249A SRM FZN (1)
TESTS: No tests in this specimen
INFORMATION: PLRED. FREEZE SERUM.
ASTM/HL7/SDF 1: 83874
CPL: 4249
ZCPL: 4249
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Freeze. When multiple tests are ordered, submit separate
tube for this test.

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 8 hours room temperature; 1 day refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
Hemophilia
Avoid repeated freeze/thaw cycles

Methodology:
Paramagnetic particle chemiluminescent immunoassay

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: BRAIN NATRIURETIC PEPTIDE
ABBREVIATION: 83880
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 83880
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: EDTA PLASMA (1), LAV (1)
TESTS: Brain Natriuretic Peptide
ASTM/HL7/SDF 1: 83880
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: LAVENDER TUBE- EDTA Plasma only
Specimen Processing: Centrifuge sample and transfer plasma into an aliquot container.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 7 hours
Refrigerated (2 to 8°C) 24 hours
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 7 hours of collection.
Refrigerated (2 to 8°C) if shipping after 7 hours of collection.

Specimen Acceptability: EDTA Plasma

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Gross Hemolysis, Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME</th>
<th>NICOTINE COTININE, URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION</td>
<td>83887</td>
</tr>
<tr>
<td>SPECIMEN TYPE</td>
<td>Urine</td>
</tr>
<tr>
<td>STORAGE TEMP</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S)</td>
<td>83887</td>
</tr>
<tr>
<td>INSTRUMENT/LOC</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER</td>
<td>CPL CUP (1)</td>
</tr>
<tr>
<td>TESTS</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1</td>
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<tr>
<td>CPL</td>
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<tr>
<td>ZCPL</td>
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<tr>
<td>VALID ICD-9 CODES</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection</td>
</tr>
<tr>
<td></td>
<td>Urine collection container</td>
</tr>
<tr>
<td>Specimen Collection</td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td>4 mL random urine. Refrigerate.</td>
</tr>
<tr>
<td>2 mL urine</td>
<td></td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>10 days room temperature; 10 days refrigerated; 8 months frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Samples with additives or preservatives avoid repeated freeze/thaw cycles</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Enzyme multiplied immunoassay technique (emit)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
NAME: 5-NUCLEOTIDASE BLOOD
ABBREVIATION: 83915
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 83915
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4812 PLR (1), C4812A SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 83915
CPL: 4812
ZCPL: 4812
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.
Volume
0.2 mL serum
Conditions for specimen transportation:
Frozen
Specimen Acceptability:
After separation from cells: 4 hours room temperature; 1 week refrigerated; 2 weeks frozen
Specimen Rejection:
Hemolysis
room temperature samples
avoid repeated freeze/thaw cycles
Methodology:
Enzymatic assay
Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>OLIGOCLOINAL BANDING</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>83916</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>83916</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>83916</td>
</tr>
<tr>
<td>CPL:</td>
<td>4900</td>
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<tr>
<td>ZCPL:</td>
<td>4900</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>1 mL serum and 1.5 mL cerebral spinal fluid collected</td>
</tr>
<tr>
<td></td>
<td>within the same 2 day period. Allow blood to clot in SST</td>
</tr>
<tr>
<td></td>
<td>in an upright position for at least 30 minutes, then</td>
</tr>
<tr>
<td></td>
<td>centrifuge sample within 2 hours of collection. Transfer</td>
</tr>
<tr>
<td></td>
<td>serum to a plastic transport tube. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Specimens must be sent in together for interpretation.</td>
</tr>
</tbody>
</table>

**Specimen Referral:**

Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** DEMEROL (MEPERIDINE) SERUM  
**ABBREVIATION:** 83925  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 80362  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5934 PLR (1), C5934A SRM (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 83925  
**CPL:** 5934  
**ZCPL:** 5934  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Sodium fluoride/potassium oxalate (gray top) tube  

Specimen Processing:  
2 mL sodium fluoride/potassium oxalate plasma. Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube. Refrigerate.  

**Volume**  
1 mL serum or plasma  

**Conditions for specimen transportation:**  
Refrigerated  

Specimen Acceptability:  
After separation from cells: 1 week room temperature; 2 weeks refrigerated; 3 years frozen  

**Specimen Rejection:**  
Samples collected in serum separator tube  
whole blood  
citrate (light blue top) plasma  
avoid repeated freeze/thaw cycles  

Methodology:  
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)  

**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** OSMOLALITY, SERUM/PLASMA  
**ABBREVIATION:** 83930  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 83930  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 83930  
**CPL:** 2133  
**ZCPL:** 2133  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**

- **Specimen Collection:**
  - Serum separator tube

- **Specimen Processing:**
  - 1 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. REFRIGERATE.

- **Volume**
  - 0.5 mL serum

- **Conditions for specimen transportation:**
  - Room temperature

- **Specimen Acceptability:**
  - 1 day room temperature; 1 week refrigerated; 2 weeks frozen

- **Methodology:**
  - FREEZING POINT

- **Specimen Referral:**
  - Clinical Pathology Laboratories
**NAME:** OSMOLALITY URINE  
**ABBREVIATION:** 83935  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 83935  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL RU CUP (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 83935  
**CPL:** 2134  
**LABCORP:** 003442  
**ZCPL:** 2134  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Urine collection container  
Specimen Processing:  
1 ML ALIQUOT FROM A WELL-MIXED RANDOM URINE SAMPLE. FREEZE.  
Volume  
1 mL urine  
Conditions for specimen transportation:  
FROZEN  
Specimen Acceptability:  
1 day room temperature; 1 week refrigerated; 2 weeks frozen  
Methodology:  
FREEZING POINT  
Specimen Referral:  
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>OXALATE 24HR URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>83945</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Urine</td>
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<tr>
<td>STORAGE TEMP:</td>
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<td>CPT CODE(S):</td>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL 24U ALQ (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>INFORMATION:</td>
<td>Note: Pt should not have had Vitamin C supplements within 48 hours.</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>83945</td>
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<tr>
<td>CPL:</td>
<td>4374</td>
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<tr>
<td>ZCPL:</td>
<td>4374</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Urine collection container</td>
</tr>
</tbody>
</table>

**Specimen Collection:**
24 hour urine refrigerated during collection. Record total volume. Transfer 10 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze.

Since vitamin c (ascorbic acid) quickly degrades to oxalate in nonacidified urine, patients should consider refraining from vitamin c supplements during and for 48 hours prior to urine collection for oxalate. When multiple tests are ordered, submit separate sample for this test.

**Volume**
2 mL urine

**Conditions for specimen transportation:**
Frozen

**Specimen Acceptability:**
4 hours room temperature; 1 week refrigerated; 1 month frozen

**Methodology:**
Spectrophotometry

**Specimen Referral:**
Clinical Pathology Laboratories
Order Choice Information

NAME: PTH INTACT
ABBREVIATION: 83970
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 83970
INSTRUMENT/LOC: BCI DXC 880i
TUBE/CONTAINER: LT GRN (1)
TESTS: PTH-Intact
ASTM/HL7/SDF 1: 83970
CPL: 2814
ZCPL: 2814
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - Serum
Freeze Thaw Cycle: 3 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
## Order Choice Information

<table>
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<th>NAME: pH RANDOM URINE</th>
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<tr>
<td>SPECIMEN TYPE: Urine</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<td>CPT CODE(S): 83986</td>
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<tr>
<td>INSTRUMENT/LOC: UA/MICROSCOPICS</td>
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<tr>
<td>TUBE/CONTAINER: RU CUP (1)</td>
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<td>TESTS: PH Urine (single test), PH</td>
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<td>INFORMATION: Collect Random urine, Room Temp.</td>
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<td>ASTM/HL7/SDF 1: 83986</td>
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<td>CPL: 1550</td>
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<td>ZCPL: 1550</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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</table>

**NOTES:**
- Patient preparation:
- Specimen collection:
- Specimen processing:
- Specimen storage and preservation:
- Conditions for specimen transportation:
- Specimen acceptability:
- Specimen rejection:
- Freeze/Thaw
- Methodology:
- Specimen referral:
**Order Choice Information**

<table>
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<tr>
<th>NAME:</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>83995</td>
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<tr>
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<td>Urine</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>84600, 81002</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL RU CUP (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>INFORMATION:</td>
<td>RANDOM URINE.</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Urine collection container</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 50 mL urine. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume 50 mL urine</td>
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<tr>
<td></td>
<td>Conditions for specimen transportation: Refrigerated</td>
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<tr>
<td></td>
<td>Specimen Acceptability: Unacceptable room temperature;</td>
</tr>
<tr>
<td></td>
<td>Methodology: Ge-fid</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

**Specimen Collection:**
Urine collection container

**Specimen Processing:**
50 mL urine. Refrigerate.

**Volume**
50 mL urine

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
Unacceptable room temperature;

**Methodology:**
Ge-fid

**Specimen Referral:**
Clinical Pathology Laboratories
### Order Choice Information

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<tbody>
<tr>
<td>Name:</td>
<td>ACID PHOSPHATASE TOTAL</td>
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<tr>
<td>Abbreviation:</td>
<td>84060</td>
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<tr>
<td>Specimen Type:</td>
<td>Serum</td>
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<td>Storage Temp:</td>
<td>CR FZN</td>
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<tr>
<td>CPT Code(s):</td>
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</tr>
<tr>
<td>Instrument/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>Tube/Container:</td>
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</tr>
<tr>
<td>Tests:</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>84060</td>
</tr>
<tr>
<td>CPL:</td>
<td>2005</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>2005</td>
</tr>
<tr>
<td>Valid ICD-9 Codes:</td>
<td>No</td>
</tr>
<tr>
<td>Valid ICD-10 Codes:</td>
<td>No</td>
</tr>
<tr>
<td>Notes:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Plain red top tube.</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1.5 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume:</td>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>After separation from cells: unacceptable room temperature; unacceptable refrigerated; 1 month frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Room temperature samples, refrigerated samples, plasma</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Enzymatic</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

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**Order Choice Information**

- **Name:** ACID PHOSPHATASE TOTAL  
- **Abbreviation:** 84060  
- **Specimen Type:** Serum  
- **Storage Temp:** CR FZN  
- **CPT Code(s):** 84060  
- **Instrument/LOC:** CPL  
- **Tube/Container:** C2005 PLR (1), C2005A SRM FZN (1)  
- **Tests:** No tests in this specimen  
- **ASTM/HL7/SDF 1:** 84060  
- **CPL:** 2005  
- **ZCPL:** 2005  
- **Valid ICD-9 Codes:** No  
- **Valid ICD-10 Codes:** No  
- **Notes:** Specimen Collection: Plain red top tube.  
  Specimen Processing: 1.5 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.  
  **Volume:** 0.5 mL serum  
  **Conditions for specimen transportation:** Critical frozen (CFZ)  
  **Specimen Acceptability:** After separation from cells: unacceptable room temperature; unacceptable refrigerated; 1 month frozen  
  **Specimen Rejection:** Room temperature samples, refrigerated samples, plasma  
  **Methodology:** Enzymatic  
  **Specimen Referral:** Clinical Pathology Laboratories
NAME: PROSTATIC ACID PHOS  
ABBREVIATION: 84066  
SPECIMEN TYPE: Serum  
STORAGE TEMP: CR FZN  
CPT CODE(S): 84066  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: C2603 PLR (1), C2603A SRM FZN (1)  
TESTS: No tests in this specimen  
INFORMATION: PLRED. FREEZE SERUM.  
ASTM/HL7/SDF 1: 84066  
CPL: 2603  
ZCPL: 2603  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ).  
Specimen should be obtained before rectal examination, biopsy, prostatectomy, or prostatic massage, since manipulation of the prostate gland may lead to elevated pap levels persisting for up to 24-48 hours. When multiple tests are ordered, submit separate tube for this test.  
Volume  
0.5 mL serum  
Conditions for specimen transportation:  
Critical frozen (CFZ)  
Specimen Acceptability:  
After separation from cells: 3 hours room temperature; 1 day refrigerated; 6 months frozen  
Specimen Rejection:  
Room temperature samples  
Methodology:  
Chemiluminescent immunoassay the Siemens immulite 2000 pap chemiluminescent immunoassay method is used. Results obtained with different assay methods or kits cannot be used interchangeably.  
Specimen Referral:  
Clinical Pathology Laboratories
Name: Alkaline Phosphatase
Abbreviation: 84075
Specimen Type: Serum
Storage Temp: Room Temp
CPT Code(s): 84075
Instrument/LOC: DXC
Tube/Container: LT GRN (1)
Tests: Alkaline Phosphatase
ASTM/HL7/SDF 1: 84075
CPL: 2204
ZCPL: 2204
Valid ICD-9 Codes: No
Valid ICD-10 Codes: No
Notes:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.
Methodology: Kinetic Rate
Specimen Referral: None
### Order Choice Information

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<tr>
<td>Room Temperature (15 to 30°C)</td>
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<td>Refrigerated (2 to 8°C)</td>
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<td>Frozen Aliquot (-20°C)</td>
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<td>Conditions for Specimen Transportation:</td>
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<tr>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
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<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
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Page: 190
Order Choice Information

NAME: PHOSPHOROUS 24HR URINE
ABBREVIATION: 84105
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 84105
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C2137 24U REF (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 84105
CPL: 2137
ZCPL: 2137
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hr urine refrigerated during collection.
Record total volume. Transfer 5 mL from a well-mixed 24 hr
collection to a plastic aliquot tube. Freeze.
When multiple tests are ordered, submit separate tube for
this test.

Volume
0.5 mL urine

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
8 hours room temperature; 2 days refrigerated; 6 months frozen

Methodology:
Spectrophotometry

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<td>INFORMATION: PROTECT FROM LIGHT DURING COLLECTION, STORAGE AND SHIPMENT WITH FOIL. FREEZE URINE ALIQUOT.</td>
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<td>VALID ICD-10 CODES: No</td>
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**NOTES:**

**Specimen Collection:**
Urine collection container

**Specimen Processing:**
24 hour urine refrigerated during collection. Record total volume. Transfer 8 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Protect sample from light during collection, storage, and transport. Freeze. When multiple tests are ordered, submit separate sample for this test.

**Volume**
4 mL urine

**Conditions for specimen transportation:**
Frozen

**Specimen Acceptability:**
Unacceptable room temperature; 4 days refrigerated; 1 month frozen

**Specimen Rejection:**
Room temperature samples
body fluid other than urine

**Methodology:**
Ion exchange chromatography/spectrophotometry

**Specimen Referral:**
Clinical Pathology Laboratories
**Order Choice Information**

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<td>NOTES: Specimen Collection:</td>
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<td>Urine collection container</td>
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**Specimen Processing:**
24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. Protect sample from light during collection, storage, and transport.
When multiple tests are ordered, submit separate sample for this test.

**Volume**
2 mL urine

**Conditions for specimen transportation:**
Frozen

**Specimen Acceptability:**
Unacceptable room temperature; 4 days refrigerated; 1 month frozen

**Specimen Rejection:**
Room temperature samples
body fluid other than urine

**Methodology:**
Quantitative high performance liquid chromatography (hplc)

**Specimen Referral:**
Clinical Pathology Laboratories
Order Choice Information

NAME: PORPHYRINS STOOL
ABBREVIATION: 84126
SPECIMEN TYPE: STOOL
STORAGE TEMP: CR FZN
CPT CODE(S): 84126
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CUP (1)
TESTS: No tests in this specimen
INFORMATION: MUST BE FORMED STOOL. PROTECT FROM LIGHT AND FREEZE IMMEDIATELY.
ASTM/HL7/SDF 1: 84126
CPL: 4908
ZCPL: 4908
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sterile collection container wrapped in foil immediately following collection
Specimen Processing:
5 grams random stool sample. Must be formed sample. 
Protect from light. Freeze immediately.
Critical frozen (CFZ). When multiple tests are ordered, submit separate sample for this test.
Volume
1 gram
Conditions for specimen transportation:
Critical frozen (CFZ)
Specimen Acceptability:
Unacceptable room temperature or refrigerated; 3 weeks frozen
Specimen Rejection:
24 hour collection
thawed samples
liquid samples
Methodology:
High performance liquid chromatography (hplc)
Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<td>Room Temperature (15 to 30°C) 8 hours</td>
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<td>Refrigerated (2 to 8°C) 2 days</td>
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<td></td>
<td>Frozen Aliquot (-20°C) 7 days</td>
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<td>Conditions for Specimen Transportation:</td>
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<td></td>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
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<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
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<td>Methodology: Indirect ISE/Valinomycin membrane</td>
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## Order Choice Information

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### NOTES:
- Patient preparation: None
- Specimen collection: 24 hour Urine
- Specimen processing: None
- Specimen storage and preservation: Keep 24 Hr Urine container refrigerated during collection.
- Room Temperature (15 to 30°C) 2 hours
- Refrigerated (2 to 8°C) 3 days

### Conditions for specimen transportation:
- Room Temperature (15 to 30°C) 2 hours
- Refrigerated (2 to 8°C) if shipping after 2 hours of collection.

### Specimen acceptability: Urine only
- Freeze/Thaw: N/A
- Specimen rejection: Improper Collection or Labeling
- Methodology: Indirect ISE/Valinomycin membrane
- Specimen Referral: None
Order Choice Information

NAME: PREALBUMIN
ABBREVIATION: 84134
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 84134
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 84134
CPL: 4909
ZCPL: 4909
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.25 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Specimen Rejection:
Hemolysis
lipemia

Methodology:
Olympus immunoturbidimetric quantitative method

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** PREGNENOLONE  
**ABBREVIATION:** 84140  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 84140  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL PLAIN RED (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 84140  
**CPL:** 4911  
**ZCPL:** 4911  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer 0.5 mL serum to each of two plastic transport tubes. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tubes for this test.  

Volume  
0.25 mL serum in each of 2 aliquot tubes  

Conditions for specimen transportation:  
Critical frozen (CFZ)  

Specimen Acceptability:  
After separation from cells: unacceptable room temperature; unacceptable refrigerated; 6 months frozen  

Specimen Rejection:  
Room temperature samples  
Refrigerated samples  

Methodology:  
High performance liquid chromatography-tandem mass spectrometry (hplc-ms/ms)  

Specimen Referral:  
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** 17-HYDROXYPREGNENOLONE  
**ABBREVIATION:** 84143  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 84143  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ2 (1), CPL PLAIN RED BASE (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 84143  
**CPL:** 4311  
**ZCPL:** 4311  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.  

Volume  
0.25 mL serum  

Conditions for specimen transportation:  
Critical frozen (CFZ)  

Specimen Acceptability:  
After separation from cells: unacceptable room temperature; unacceptable refrigerated; 6 months frozen  

Specimen Rejection:  
Room temperature samples  
Refrigerated samples  

Methodology:  
High performance liquid chromatography-tandem mass spectrometry (hplc-ms/ms)  

Specimen Referral:  
Clinical Pathology Laboratories
### Order Choice Information

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<td>NOTES: Patient Preparation: None</td>
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</table>

**Specimen Collection:** Plain Red Top Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:** Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:** Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** Plain Red Top - Serum

**Freeze Thaw Cycle:** 1

**Specimen Rejection:** Gross Lipemia, Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None
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<td><strong>NOTES:</strong></td>
<td>Patient Preparation: None</td>
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**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None
## Order Choice Information

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<tr>
<td>VALID ICD-9 CODES:</td>
<td>Yes</td>
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<td>VALID ICD-10 CODES:</td>
<td>Yes</td>
</tr>
<tr>
<td>NOTES:</td>
<td>None</td>
</tr>
</tbody>
</table>

**Specimen Collection:** SST Serum only

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 3 hours
- Refrigerated (2 to 8°C) 24 hours
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 3 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 3 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 2 cycles

**Specimen Rejection:** Gross Hemolysis, Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None
NAME: PSA FREE
ABBREVIATION: 84154
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84154
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: SST GOLD (1)
TESTS: Free PSA
ASTM/HL7/SDF 1: 84154
CPL: 4915
ZCPL: 4915
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: SST Serum only

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 3 hours
Refrigerated (2 to 8°C) 24 hours
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 3 hours of collection.
Refrigerated (2 to 8°C) if shipping after 3 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 2 cycles

Specimen Rejection: Gross Hemolysis, Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
NAME: PROTEIN TOTAL
ABBREVIATION: 84155
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84155
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Total Protein, Total Protein
ASTM/HL7/SDF 1: 84155
CPL: 2229
ZCPL: 2229
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Lipemia, Improper Container or Labeling.
Methodology: Colorimetry/Biuret
Specimen Referral: None
<table>
<thead>
<tr>
<th><strong>NAME:</strong> PROTEIN 24 HR URINE</th>
</tr>
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<tbody>
<tr>
<td><strong>ABBREVIATION:</strong> 84156</td>
</tr>
<tr>
<td><strong>SPECIMEN TYPE:</strong> Urine</td>
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<tr>
<td><strong>STORAGE TEMP:</strong> RM TEMP</td>
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<td><strong>CPT CODE(S):</strong> 84156</td>
</tr>
<tr>
<td><strong>INSTRUMENT/LOC:</strong> DXC</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong> 24HR ALQ (1)</td>
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<tr>
<td><strong>TESTS:</strong> 24 Hr Protein Urine, Protein Ur Conc., Protein Ur Total Volume</td>
</tr>
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<td><strong>ASTM/HL7/SDF 1:</strong> 84156</td>
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<tr>
<td><strong>CPL:</strong> 2149</td>
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<tr>
<td><strong>LABCORP:</strong> 003277</td>
</tr>
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<td><strong>ZCPL:</strong> 2149</td>
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<td><strong>VALID ICD-9 CODES:</strong> No</td>
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<td><strong>VALID ICD-10 CODES:</strong> No</td>
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<td><strong>NOTES:</strong> Patient preparation: None</td>
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<tr>
<td>Specimen collection: 24 hour Urine</td>
</tr>
<tr>
<td>Specimen processing: None</td>
</tr>
<tr>
<td>Specimen storage and preservation: Keep 24 Hr Urine container refrigerated during collection.</td>
</tr>
<tr>
<td>Room Temperature (15 to 30°C) 2 hours</td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C) 3 days</td>
</tr>
<tr>
<td><strong>CPL-REFRIGERATE</strong> <strong>CPL-REFRIGERATE</strong></td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Room Temperature (15 to 30°C) 2 hours</td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C) if shipping after 2 hours of collection.  <strong>CPL-REFRIGERATE</strong>  <strong>CPL-REFRIGERATE</strong></td>
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<tr>
<td>Specimen acceptability: Urine only</td>
</tr>
<tr>
<td>Freeze/Thaw: N/A</td>
</tr>
<tr>
<td>Specimen rejection: Improper Collection or Labeling</td>
</tr>
<tr>
<td>Methodology: Pyrogallol Red</td>
</tr>
<tr>
<td>Specimen Referral: None</td>
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</tbody>
</table>
NAME: CSF PROTEIN TOTAL  
ABBREVIATION: 84175  
SPECIMEN TYPE: Spinal Fluid  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 84157  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL PLAIN RED (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 84175  
CPL: 2042  
ZCPL: 2042  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
CSF collection container  
Specimen Processing:  
1 mL cerebrospinal fluid. Refrigerate.  
For STAT orders, please contact your local CPL laboratory for local specimen requirements.  
Volume  
0.5 mL CSF  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
1 day room temperature; 1 week refrigerated  
Methodology:  
Olympus AU600 quantitative method or other automated chemistry procedure  
Specimen Referral:  
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: CSF PROTEIN ELECTROPHORESIS</th>
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<tbody>
<tr>
<td>ABBREVIATION: 84200</td>
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<tr>
<td>SPECIMEN TYPE: Spinal Fluid</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<td>CPT CODE(S): 84166, 84157</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL PLAIN RED (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 84200</td>
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<tr>
<td>CPL: 2807</td>
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<tr>
<td>ZCPL: 2807</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
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</tbody>
</table>

**NOTES:**
- Specimen Collection: CSF collection container
- Specimen Processing: 1 mL cerebral spinal fluid. Refrigerate.
- Volume: 1 mL CSF
- Conditions for specimen transportation: Refrigerated
- Specimen Acceptability: 8 hours room temperature; 1 week refrigerated;
- Methodology: Electrophoresis
- Specimen Referral: Clinical Pathology Laboratories
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<thead>
<tr>
<th>NAME:</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>84202</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>EDTA WB</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL EDTA TRACE RB (1)</td>
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<td>TESTS:</td>
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<td>INFORMATION:</td>
<td>PROTECT FROM STRONG LIGHT.</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>CPL:</td>
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<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: EDTA (royal blue top) trace metal-free tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 1 mL EDTA whole blood in trace metal-free tube. Protect from light during collection, storage, and transportation. Critical Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume 0.6 mL EDTA whole blood</td>
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<tr>
<td></td>
<td>Conditions for specimen transportation: Critical Refrigerated</td>
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<tr>
<td></td>
<td>Specimen Acceptability: 1 week refrigerated; unacceptable frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Will not reject due to lipemia Will reject due to hemolysis Will reject frozen samples, samples collected in tubes that are not trace metal-free, and samples not protected from light</td>
</tr>
<tr>
<td></td>
<td>Methodology: Fluorimetry</td>
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<td>Specimen Referral: Clinical Pathology Laboratories</td>
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### Order Choice Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Abbreviation</th>
<th>Specimen Type</th>
<th>Storage Temp</th>
<th>CPT Code(s)</th>
<th>Instrument/LOC</th>
<th>Tube/Container</th>
<th>Tests</th>
<th>Information</th>
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<tbody>
<tr>
<td>Vitamin B-6</td>
<td>84207</td>
<td>NAHEP Plasma</td>
<td>CR FZN</td>
<td>84207</td>
<td>CPL</td>
<td>CPL NAHEP DK GRN (1), CPL PL FZN (1)</td>
<td>No tests in this specimen</td>
<td>Sodium heparin, freeze plasma in plastic aliquot tube. Protect from light.</td>
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<td>ASTM/HL7/SDF 1: 84207</td>
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<td>NOTES: Specimen Collection:</td>
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<td>Sodium or lithium heparin (green top) tube</td>
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<td></td>
<td></td>
<td>2 mL sodium or lithium heparin (green top) plasma.</td>
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<td></td>
<td>Centrifuge sample and separate plasma from cells within 2 hours of collection. Transfer plasma to 2 plastic transport tubes. Freeze. Critical frozen (CFZ). Protect sample from light during collection, storage, and transport. Patient should be fasting prior to collection. When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
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<td></td>
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<td>Volume 0.5 mL heparin plasma</td>
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<td>Conditions for specimen transportation: Critical frozen (CFZ)</td>
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<td>Specimen Acceptability: After separation from cells: unacceptable room temperature; 4 hours refrigerated; 2 months frozen</td>
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<td>Specimen Rejection:</td>
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<td>Hemolysis room temperature samples</td>
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<td>refrigerated samples</td>
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<td>samples collected in serum separator tube</td>
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<td></td>
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<td>whole blood</td>
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<td>EDTA plasma</td>
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<td>Methodology: High performance liquid chromatography (hplc)</td>
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<td>Specimen Referral:</td>
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<td></td>
<td></td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

**Volume**: 0.5 mL heparin plasma

**Conditions for specimen transportation**: Critical frozen (CFZ)

**Specimen Acceptability**: After separation from cells: unacceptable room temperature; 4 hours refrigerated; 2 months frozen

**Specimen Rejection**: Hemolysis

- Room temperature samples
- Refrigerated samples
- Samples collected in serum separator tube
- Whole blood
- EDTA plasma

**Methodology**: High performance liquid chromatography (hplc)
Order Choice Information

NAME: PYRUVATE
ABBREVIATION: 84210
SPECIMEN TYPE: PYR Supernatant
STORAGE TEMP: CR FZN
CPT CODE(S): 84210
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1), CPL PLASTIC VIAL (1), CPL PYRUVATE TUBE (1)
TESTS: No tests in this specimen
INFORMATION: CHILL PYRUVATE TUBE AVAILABLE FROM CPL.
IMMEDIATELY TRANSFER 1 ML TO CHILL PYRUVATE TUBE. MIX FOR 30 SEC AND PLACE ON ICE FOR 10 MIN.
CENTRIFUGE 10 MIN AND DECANT SUPERNATENT INTO PLASTIC TRANSPORT TUBE. FREEZE SUPERNATENT CLEAR LIQUID.

ASTM/HL7/SDF 1: 84210
CPL: 4916
ZCPL: 4916
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
PLEASE CONTACT REFERRAL TESTING DEPARTMENT TO OBTAIN PYRUVATE COLLECTION TUBE BEFORE COLLECTING SAMPLE. 5 ML SODIUM OR LITHIUM HEPARIN (GREEN TOP) WHOLE BLOOD.
1. IMMEDIATELY FOLLOWING COLLECTION, TRANSFER 1 ML WHOLE BLOOD TO A CHILLED PYRUVATE COLLECTION TUBE.
2. MIX WELL FOR 30 SECONDS AND PLACE IN ICE BATH FOR 10 MINUTES.
3. CENTRIFUGE SAMPLE FOR 10 MINUTES AT 1500 G.
4. TRANSFER 2 ML SUPERNATANT TO A PLASTIC TRANSPORT TUBE.
5. FREEZE SAMPLE FOR TRANSPORT TO THE LABORATORY. CRITICAL FROZEN (CFZ). CLEARLY LABEL TUBE AS PLASMA COLLECTED IN PYRUVATE COLLECTION TUBE.
NOTE: PATIENT SHOULD BE FASTING AND AT COMPLETE REST PRIOR TO SAMPLE COLLECTION. PATIENT SHOULD AVOID ANY EXERCISE OF THE ARM OR HAND BEFORE AND DURING COLLECTION. COLLECT THE SAMPLE WITHOUT THE USE OF A TOURNIQUET OR WITHIN 3 MINUTES OF APPLYING THE TOURNIQUET, BUT BEFORE RELEASING THE TOURNIQUET. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.

Volume
1 mL supernatant frozen

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature; 1 month refrigerated; 6 months frozen

Specimen Rejection:
Samples not prepared with pyruvate tube
thawed samples

Methodology:
Quantitative enzymatic

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>PYRUVATE KINASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>84220</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>EDTA WB</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
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<td>CPT CODE(S):</td>
<td>84220</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL LAV (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>ZCPL:</td>
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<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: EDTA (lavender top) tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 1 mL EDTA whole blood. Critical refrigerate (CRF).</td>
</tr>
<tr>
<td></td>
<td>Volume 1 mL whole blood</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Critical refrigerated (CRF)</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: Unacceptable room temperature; 20 days refrigerated; unacceptable frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Hemolysis; frozen samples</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Enzymatic</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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</tbody>
</table>
Order Choice Information

NAME: RENIN
ABBREVIATION: 84244
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 84244
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1), CPL PL FZN (1)
TESTS: No tests in this specimen
INFORMATION: SEE COLLECTION INSTRUCTIONS BELOW.
ASTM/HL7/SDF 1: 84244
CPL: 4255
ZCPL: 4255
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
2 mL EDTA plasma. Centrifuge sample and separate plasma
from cells within 2 hours of collection. Transfer plasma to
a plastic transport tube. Freeze. Critical frozen (CFZ).
Supine: sample should be obtained between 8 and 10 AM
after at least 2 hours in the supine position.
Upright: sample should be obtained before noon after at
least 2 hours in the upright position (seated or
standing).
Patient should be on a normal sodium diet (100-200 meq/day)
for at least 3 days.
Patient should be receiving no medications known to affect
the renin/aldosterone system.
When multiple tests are ordered, submit separate tube for
this test. Do not collect in refrigerated tubes.

Volume
1.2 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: 6 hours room temperature; unacceptable refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
room temperature samples
refrigerated samples

Methodology:
Radioimmunoassay (ria)

Specimen Referral:
Clinical Pathology Laboratories


***
NAME: VITAMIN B-2  
ABBREVIATION: 84252  
SPECIMEN TYPE: NAHEP PLASMA  
STORAGE TEMP: CR FZN  
CPT CODE(S): 84252  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL AMBER ALQ (1), CPL NAHEP DK GRN (1)  
TESTS: No tests in this specimen  
INFORMATION: Separate plasma from cells immediately and freeze plasma. Protect from light.  
ASTM/HL7/SDF 1: 84252  
CPL: 5014  
ZCPL: 5014  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Sodium or lithium heparin (green top) tube  
Specimen Processing:  
1 mL sodium or lithium heparin (green top) plasma. Centrifuge sample and separate plasma from cells within 2 hours of collection. Transfer plasma to a plastic transport tube. Protect sample from light during collection, storage, and transport. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.  
Volume  
0.5 mL plasma  
Conditions for specimen transportation:  
Critical frozen (CFZ)  
Specimen Acceptability:  
Unacceptable room temperature; unacceptable refrigerated; 1 month frozen  
Specimen Rejection:  
Hemolysis  
lipemia  
room temperature samples  
refrigerated samples  
samples not protected from light  
EDTA plasma samples  
serum samples  
Methodology:  
Hplc/fluorometric  
Specimen Referral:  
Clinical Pathology Laboratories
NAME: SELENIUM SERUM
ABBREVIATION: 84255
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 84255
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL TR/MET RBLUE (1), CPL TR/METAL ALQ (1)
TESTS: No tests in this specimen
INFORMATION: TRACE W/O ADDITIVE. Use trace metal aliquot tube for sendout. DIET, MEDICATION, AND NUTRITIONAL SUPPLEMENTS MAY INTRODUCE INTERFERING SUBSTANCES. PATIENTS SHOULD BE ENCOURAGED TO DISCONTINUE NUTRITIONAL SUPPLEMENTS, VITAMINS, MINERALS, AND NON-ESSENTIAL OVER-THE-COUNTER MEDICATIONS (UPON THE ADVICE OF THEIR PHYSICIAN) AND AVOID SHELLFISH AND SEAFOOD FOR 48-72 HOURS PRIOR TO COLLECTION.
ASTM/HL7/SDF 1: 84255
CPL: 4257
ZCPL: 4257
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Collection:
Trace metal (royal blue top) tube
Specimen Processing:
2 mL serum from trace metal-free tube without additives. Centrifuge sample and separate serum from cells within 2 hours of collection. Transfer serum to a trace metal-free transport tube. Room temperature. Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician).
Volume
0.5 mL serum
Conditions for specimen transportation:
Room temperature
Specimen Acceptability:
If the sample has been collected and stored in the appropriate container, the trace element values do not change with time
Specimen Rejection
Samples collected in serum separator tube
Methodology:
Inductively coupled plasma-mass spectrometry (icp/ms)
Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: SEX HORMONE GLOBULIN (SHBG)
ABBREVIATION: 84270
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84270
INSTRUMENT/LOC: BCI DXC 880i
TUBE/CONTAINER: LT GRN (1)
TESTS: Sex Hormone Binding Globulin
ASTM/HL7/SDF 1: 84270
CPL: 4933
ZCPL: 4933
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - Serum

Freeze Thaw Cycle: 2 cycles

Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
Order Choice Information

NAME: SODIUM
ABBREVIATION: 84295
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84295
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Sodium
ASTM/HL7/SDF 1: 84295
CPL: 2231
ZCPL: 2231
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.
Methodology: Indirect ISE/LAS glass membrane
Specimen Referral: None
NAME: SODIUM 24HR URINE
ABBREVIATION: 84300
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP
CPT CODE(S): 84300
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: 24HR JUG (1)
TESTS: 24 Hr Sodium Urine, Sodium Ur Conc., Sodium Ur Total Volume
ASTM/HL7/SDF 1: 84300
CPL: 2152
ZCPL: 2152
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None
Specimen collection: 24 hour Urine
Specimen processing: None
Specimen storage and preservation: Keep 24 Hr Urine container refrigerated during collection.
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) 3 days
Conditions for specimen transportation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.
Specimen acceptability: Urine only
Freeze/Thaw: N/A
Specimen rejection: Improper Collection or Labeling
Methodology: Indirect ISE/LAS glass membrane
Specimen Referral: None
<table>
<thead>
<tr>
<th><strong>Order Choice Information</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NAME:</strong> SOMATOMEDIN C (IGF-1)</td>
</tr>
<tr>
<td><strong>ABBREVIATION:</strong> 84305</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong> Serum</td>
</tr>
<tr>
<td><strong>STORAGE TEMP:</strong> CR FZN</td>
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<td><strong>CPT CODE(S):</strong> 84305</td>
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<tr>
<td><strong>INSTRUMENT/LOC:</strong> CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong> CPL SERUM ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td><strong>TESTS:</strong> No tests in this specimen</td>
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<td><strong>ASTM/HL7/SDF 1:</strong> 84305</td>
</tr>
<tr>
<td><strong>CPL:</strong> 4920</td>
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<td><strong>ZCPL:</strong> 4920</td>
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<td><strong>VALID ICD-10 CODES:</strong> No</td>
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<tr>
<td><strong>NOTES:</strong></td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
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<tr>
<td>Critical frozen (CFZ)</td>
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<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>6 hours refrigerated, 1 month frozen</td>
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<td>Specimen Rejection:</td>
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<tr>
<td>Gross hemolysis</td>
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<tr>
<td>gross lipemia</td>
</tr>
<tr>
<td>icteric samples</td>
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<tr>
<td>avoid repeated freeze/thaw cycles</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Chemiluminescence</td>
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<tr>
<td>Specimen Referral:</td>
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<td>Clinical Pathology Laboratories</td>
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</table>
**NAME:** SOMATOSTATIN  
**ABBREVIATION:** 84307  
**SPECIMEN TYPE:** EDTA PLASMA  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 84307  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL GI ALIQ (1), CPL GI PRESERVATIVE (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** 3 ML EDTA PLASMA WITH GI PRESERVATIVE. SEPARATE PLASMA FROM CELLS IMMEDIATELY AND FREEZE. PATIENT SHOULD BE FASTING 10-12 HOURS PRIOR TO COLLECTION AND SHOULD NOT BE ON MEDICATIONS THAT AFFECT INSULIN SECRETION OR INTESTINAL MOTILITY FOR 48 HOURS PRIOR TO COLLECTION. CRITICAL FROZEN (CFZ).  
ASTM/HL7/SDF 1: 84307  
CPL: 4740  
ZCPL: 4740  
**VALID ICD9 CODES:** No  
**VALID ICD10 CODES:** No  
**NOTES:**  
**Specimen Collection:**  
Gi-collection tube  
**Specimen Processing:**  
3 mL EDTA plasma with gi preservative. Separate plasma from cells immediately and freeze. Patient should be fasting 10-12 hours prior to collection and should not be on medications that affect insulin secretion or intestinal motility for 48 hours prior to collection. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.  
**Volume**  
1 mL plasma  
**Conditions for specimen transportation:**  
Critical frozen (CFZ)  
**Specimen Acceptability:**  
Unacceptable room temperature; unacceptable refrigerated; 6 months frozen  
**Specimen Rejection:**  
Hemolysis  
lipemia  
samples not collected in gi preservative  
room temperature samples  
refrigerated samples  
**Methodology:**  
Radioimmunoassay (ria)  
**Specimen Referral:**  
Clinical Pathology Laboratories
Order Choice Information

NAME: SULFATE 24HR URINE
ABBREVIATION: 84392
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S):
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24HR UR (1), CPL 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 84392
CPL: 4076
ZCPL: 4076
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sterile collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL from a well-mixed 24 hour collection to a plastic aliquot tube. Freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate sample for this test.

Volume
2 mL urine

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature; unacceptable refrigerated; 1 month frozen

Specimen Rejection:
Room temperature samples
refrigerated samples

Methodology:
Spectrophotometry

Specimen Referral:
Clinical Pathology Laboratories
NAME: TESTOSTERONE FREE
ABBREVIATION: 84402
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 84402
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 84402
CPL: 4937*
ZCA: *
ZIG: *
UROL: *
QUEST: *
LABCORP: 140103*
ZOXF: *
ND: *
ZCPL: 4937*
IG: *
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum from a serum separator tube. Allow sample to
clot in an upright position for at least 30 minutes, then
centrifuge sample within 2 hours of collection.
Refrigerate.
Record patient's age and gender on the container.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Methodology:
Chemiluminescence immunoassay Siemens Centaur

Specimen Referral:
Clinical Pathology Laboratories
NAME: TESTOSTERONE TOTAL  
ABBREVIATION: 84403  
SPECIMEN TYPE: Serum  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 84403  
INSTRUMENT/LOC: BCI DXC 880i  
TUBE/CONTAINER: LT GRN (1)  
TESTS: Testosterone  
ASTM/HL7/SDF 1: 84403  
CPL: 2830  
ZCPL: 2830  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Patient Preparation: None  
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - Serum  
Freeze Thaw Cycle: 2 cycles  
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling  
Methodology: Chemiluminescence Immunoassay  
Specimen Referral: None
| NAME: VITAMIN B1 |
| ABBREVIATION: 84425 |
| SPECIMEN TYPE: NAHEP WB |
| STORAGE TEMP: CR FZN |
| CPT CODE(S): 84425 |
| INSTRUMENT/LOC: CPL |
| TUBE/CONTAINER: CPL NAHEP WB (1) |
| TESTS: No tests in this specimen |
| INFORMATION: FREEZE WHOLE BLOOD IN PLASTIC TUBE. PROTECT FROM LIGHT! DO NOT CENTRIFUGE! |
| ASTM/HL7/SDF 1: 84425 |
| CPL: 4952 |
| ZCPL: 4952 |
| VALID ICD-9 CODES: No |
| VALID ICD-10 CODES: No |
| NOTES: |
| Specimen Collection: Sodium heparin (green top) tube |
| Specimen Processing: 3 mL sodium heparin whole blood in plastic vial. Transfer whole blood to 2 plastic transport vials (second aliquot is for validation purposes). Protect sample from light during collection, storage, and transport. Freeze in plastic vial. Critical frozen (CFZ). Note: whole blood is the preferred sample for thiamine testing. When multiple tests are ordered, submit separate tubes for this test. |
| Volume 2 mL whole blood |
| Conditions for specimen transportation: Critical frozen (CFZ) |
| Specimen Acceptability: Unacceptable room temperature; unacceptable refrigerated; 2 months frozen |
| Specimen Rejection: Room temperature samples refrigerated samples samples submitted in glass tubes samples not protected from light |
| Methodology: High performance liquid chromatography (hplc) |
| Specimen Referral: Clinical Pathology Laboratories |
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: THIOCYANATE</th>
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<tbody>
<tr>
<td>ABBREVIATION: 84430</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: REFRIG</td>
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<td>CPT CODE(S): 84430</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: C5892 PLR (1), C5892A SRM (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<td>INFORMATION: PLRED.</td>
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<td>CPL: 5892</td>
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<td>ZCPL: 5892</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Plain red top tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>After separation from cells: 5 days room temperature; 5 days refrigerated; 5 days frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Samples collected in serum separator tube</td>
</tr>
<tr>
<td>citrate plasma samples</td>
</tr>
<tr>
<td>ACD plasma samples</td>
</tr>
<tr>
<td>whole blood samples</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Colorimetric</td>
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<tr>
<td>Specimen Referral:</td>
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<td>Clinical Pathology Laboratories</td>
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</tbody>
</table>

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Order Choice Information

NAME: T4 TOTAL
ABBREVIATION: 84436
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84436
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Total T4
ASTM/HL7/SDF 1: 84436
CPL: 2819
ZCPL: 2819
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 24 hours
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
NAME: T4 FREE
ABBREVIATION: 84439
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84439
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Free T4
ASTM/HL7/SDF 1: 84439
CPL: 2823
ZCPL: 2823
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
**Order Choice Information**

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<tr>
<th>NAME:</th>
<th>THYROID BIND GLOBULIN (TBG)</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>C4932 PLR (1), CPL SRM FZN (1)</td>
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<td>TESTS:</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td></td>
</tr>
<tr>
<td>Specimen Collection:</td>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>Unacceptable room temperature; 2 days refrigerated; 2 weeks frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis</td>
</tr>
<tr>
<td>gross lipemia</td>
<td></td>
</tr>
<tr>
<td>room temperature samples</td>
<td></td>
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<tr>
<td>Methodology:</td>
<td>Chemiluminescence</td>
</tr>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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Order Choice Information

NAME: TSH
ABBREVIATION: 84443
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84443
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: TSH
ASTM/HL7/SDF 1: 84443
CPL: 2835
ZCPL: 2835
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
<table>
<thead>
<tr>
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<th>THYROID STIMULAT AB (TSI)</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<td>CPT CODE(S):</td>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SERUM ALQ (1), CPL SST GOLD (1)</td>
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<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>INFORMATION:</td>
<td>DRAW IN A CHILL SST TUBE. FREEZE SERUM.</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
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<tr>
<td>ZCPL:</td>
<td>4807</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
<td>No</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test. Note: fda approved test for the qualitative detection of tsi.</td>
</tr>
<tr>
<td></td>
<td>Volume 1 mL serum</td>
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<tr>
<td></td>
<td>Conditions for specimen transportation: Frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: Unacceptable room temperature; 3 days refrigerated; 2 months frozen</td>
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<tr>
<td></td>
<td>Specimen Rejection: Hemolysis lipemia plasma room temperature samples</td>
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<td></td>
<td>Methodology: Bioassay/chemiluminescence</td>
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<td>Specimen Referral: Clinical Pathology Laboratories</td>
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</table>
## Order Choice Information

**NAME:** VITAMIN E  
**ABBREVIATION:** 84446  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 84446  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SERUM ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** TRANSFER SERUM TO AN AMBER TRANSPORT TUBE. FREEZE. PROTECT SAMPLE FROM LIGHT DURING COLLECTION, STORAGE, AND TRANSPORT. PATIENT SHOULD BE FASTING OVERNIGHT AND NOT HAVE INGESTED ANY ALCOHOL FOR 1 DAY PRIOR TO COLLECTION.  
**ASTM/HL7/SDF 1:** 84446  
**CPL:** 4962  
**ZCPL:** 4962  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
**Specimen Collection:**  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 1 hour of collection. Transfer serum to an amber transport tube. Freeze. Protect sample from light during collection, storage, and transport. Patient should be fasting for 12 hours and not have ingested any alcohol for 1 day prior to collection. When multiple tests are ordered, submit separate tube for this test.  
**Volume**  
0.2 mL frozen serum  
**Conditions for specimen transportation:**  
Frozen  
Specimen Acceptability:  
After separation from cells: unacceptable room temperature; 1 month refrigerated; 1 year frozen  
Specimen Rejection:  
Hemolysis  
room temperature samples  
whole blood  
body fluid  
**Methodology:**  
High performance liquid chromatography (hplc)  
**Specimen Referral:**  
Clinical Pathology Laboratories
<table>
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<tr>
<td>Patient Preparation: None</td>
<td>Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum</td>
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<tr>
<td>Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
<td>Specimen Storage and Preservation:</td>
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<tr>
<td>Room Temperature (15 to 30°C) 8 hours</td>
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<tr>
<td>Frozen Aliquot (-20°C) 7 days</td>
<td>Conditions for Specimen Transportation:</td>
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<td>Specimen Acceptability: SST - SERUM</td>
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<td>Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.</td>
<td>Methodology: Enzymatic Rate</td>
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NAME: SGPT (ALT)
ABBREVIATION: 84460
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84460
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: ALT /SGPT
ASTM/HL7/SDF 1: 84460
CPL: 2219
ZCPL: 2219
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.
Methodology: Kinetic Rate
Specimen Referral: None
Order Choice Information

NAME: TRANSFERRIN
ABBREVIATION: 84466
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84466
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Transferrin
INFORMATION: PT SHOULD BE FASTING.
ASTM/HL7/SDF 1: 84466
CPL: 4936
ZCPL: 4936
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation:  None

Specimen Collection:  Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing:  Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability:  SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Improper Container or Labeling.

Methodology: Immunoturbidimetric

Specimen Referral: None
NAME: TRIGLYCERIDES
ABBREVIATION: 84478
SPECIMEN TYPE: Serum
STORAGE TEMP: RT TEMP
CPT CODE(S): 84478
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Triglyceride
ASTM/HL7/SDF 1: 84478
CPL: 2232
ZCPL: 2232
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Lipemia, Improper Container or Labeling.
Methodology: Enzymatic
Specimen Referral: None
**Order Choice Information**

**NAME:** T3 UPTAKE  
**ABBREVIATION:** 84479  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 84479  
**INSTRUMENT/LOC:** DXI  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** T3 Uptake  
**ASTM/HL7/SDF 1:** 84479  
**CPL:** 2817  
**ZCPL:** 2817  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** Yes  
**NOTES:**  
Patient Preparation: None  
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 2 days  
Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Improper Container or Labeling  
Methodology: Chemiluminescence Immunoassay  
Specimen Referral: None
**Order Choice Information**

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NAME: T3 FREE
ABBREVIATION: 84481
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84481
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Free T3
ASTM/HL7/SDF 1: 84481
CPL: 4273
ZCPL: 4273
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 3 cycles
Specimen Rejection: Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
**Order Choice Information**

* Research/Experimental *

**NAME:** T3 REVERSE  
**ABBREVIATION:** 84482
**SPECIMEN TYPE:** Serum
**STORAGE TEMP:** CR FZN
**CPT CODE(S):** 84482
**INSTRUMENT/LOC:** CPL
**TUBE/CONTAINER:** CPL SRM FZN (1), CPL SST GOLD (1)
**TESTS:** No tests in this specimen
**INFORMATION:** PLRED. FREEZE SERUM.
**ASTM/HL7/SDF 1:** 84482
**CPL:** 4275
**ZCPL:** 4275
**VALID ICD-9 CODES:** No
**VALID ICD-10 CODES:** No

**NOTES:**

**Specimen Collection:**
Serum separator tube

**Specimen Processing:**
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

**Volume**
0.5 mL serum

**Conditions for specimen transportation:**
Frozen

**Specimen Acceptability:**
After separation from cells: 1 day room temperature; 1 week refrigerated; 3 months frozen

**Specimen Rejection:**
Hemolysis

**Methodology:**
Quantitative liquid chromatography-tandem mass spectrometry (LC-MS/MS)

**Specimen Referral:**
Clinical Pathology Laboratories
## Order Choice Information

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<td>NOTES:</td>
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<td>Patient Preparation: None</td>
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**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Lipemia, Improper Container or Labeling.

**Methodology:** Conductivity/Enzymatic

**Specimen Referral:** None
Order Choice Information

NAME: URIC ACID BLOOD
ABBREVIATION: 84550
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 84550
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Uric Acid
ASTM/HL7/SDF 1: 84550
CPL: 2233
ZCPL: 2233
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Icteric, Improper Container or Labeling.
Methodology: Enzymatic
Specimen Referral: None
NAME: URIC ACID 24HR URINE
ABBREVIATION: 84560
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 84560
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C2167 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 84560
CPL: 2167
ZCPL: 2167
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
1. 24 hour urine refrigerated during collection.
2. Measure and record the total volume on the requisition.
3. Thoroughly mix the sample by gently swirling and inverting the collection jug 10 times.
4. Immediately after mixing, transfer 50 mL urine to a urine transport container.
5. Secure the lid of the urine transport container to ensure that the sample does not leak in transit.
6. Record the total volume of the sample on the urine transport container.
7. Sample should be refrigerated for transport.

Volume
50 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day refrigerated from end of collection to specimen receipt in the laboratory. 3 days room temperature or refrigerated after ph has been adjusted to between 8 and 9.

Specimen Rejection:
Will reject samples with evidence of bacterial overgrowth

Methodology:
Quantitative spectrophotometry

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: VMA 24HR URINE
ABBREVIATION: 84585
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 84585
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4392 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 84585
CPL: 4392
ZCPL: 4392
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total volume. Transfer 10 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. When multiple tests are ordered, submit separate sample for this test.
If possible, patient should abstain from medications for 72 hours prior to collection. Medications that may interfere with catecholamines and their metabolites include amphetamines and amphetamine-like compounds, appetite suppressants, bromocriptine, buspirone, caffeine, chlorpromazine, clonidine, disulfiram, diuretics (in doses sufficient to deplete sodium), epinephrine, glucagon, guanethidine, histamine, hydrazine derivatives, imipramine, levodopa (l-dopa, sinemet), lithium, mao inhibitors, melatonin, methyldopa (aldomet), morphine, nitroglycerine, nose drops, propafenone (rythmol), radiographic agents, rauwolfia alkaloids (reserpine), tricyclic antidepressants, and vasodilators. The effects of some drugs on catecholamine metabolite results may not be predictable.

Volume
2 mL urine

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
Unacceptable room temperature; 1 week refrigerated; 2 weeks frozen

Specimen Rejection:
Room temperature samples

Methodology:
High performance liquid chromatography (hplc)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** VIP ASSAY  
**ABBREVIATION:** 84586  
**SPECIMEN TYPE:** SEE HANDLING  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 84586  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL PLASTIC VIAL (1), CPL SCAT-875B (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** Collect 3 mL whole blood in a protease inhibitor tube using a winged collection set (butterfly tubing). Do not use direct phlebotomy with a needle/tube holder assembly as special collection tubes are not sterile. After collection, mix tube thoroughly. Centrifuge sample and separate plasma from cells within 1 hour of collection. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). Do not submit the original collection tube for testing. When multiple tests are ordered, submit separate tube for this test. Please contact referral testing department to obtain collection kit.

**ASTM/HL7/SDF 1:** 84586  
**CPL:** 4946  
**ZCPL:** 4946  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
**Protease inhibitor tube**  
**Specimen Collection:**  
**Specimen Processing:** Collect 3 mL whole blood in a protease inhibitor tube using a winged collection set (butterfly tubing). Do not use direct phlebotomy with a needle/tube holder assembly, as special collection tubes are not sterile. After collection, mix tube thoroughly. Centrifuge sample and separate plasma from cells within 1 hour of collection. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). Do not submit the original collection tube for testing. When multiple tests are ordered, submit separate tube for this test. Please contact referral testing department to obtain collection kit.

**Volume**  
0.5 mL plasma  

**Conditions for specimen transportation:**  
Critical frozen (CFZ)  

**Specimen Acceptability:**  
After separation from cells: unacceptable room temperature; 3 days refrigerated; 3 months frozen  

**Specimen Rejection:**  
Hemolysis  
thawed samples  

**Methodology:**  
Radioimmunoassay (ria)  

**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: VASOPRESSIN
ABBREVIATION: 84588
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 84588
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4948 LAV1 (1), C4948 LAV2 (1), C4948A PL FZN1 (1), C4948A PL FZN2 (1)
TESTS: No tests in this specimen
INFORMATION: 6 ML EDTA PLASMA. CENTRIFUGE SAMPLE AND SEPARATE PLASMA FROM CELLS WITHIN 2 HOURS OF COLLECTION, SPLIT PLASMA INTO 2 ALQ'S. TRANSFER PLASMA TO A PLASTIC TRANSPORT TUBE. FREEZE. CRITICAL FROZEN. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE SAMPLE FOR THIS TEST.

ASTM/HL7/SDF 1: 84588
CPL: 4948
ZCPL: 4948
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
6 mL EDTA plasma. Centrifuge sample and separate plasma from cells within 2 hours of collection. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate tube for this test.

Volume
2.5 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: 2 hours room temperature; unacceptable refrigerated; 1 month frozen

Specimen Rejection:
Room temperature samples
refrigerated samples

Methodology:
Radioimmunoassay (ria)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** VITAMIN A  
**ABBREVIATION:** 84590  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 84590  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SERUM ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** TRANSFER SERUM TO AN AMBER TRANSPORT TUBE. FREEZE. PROTECT SAMPLE FROM LIGHT DURING COLLECTION, STORAGE, AND TRANSPORT. PATIENT SHOULD BE FASTING OVERNIGHT AND NOT HAVE INGESTED ANY ALCOHOL FOR 1 DAY PRIOR TO COLLECTION.  
**ASTM/HL7/SDF 1:** 84590  
**CPL:** 4950  
**ZCPL:** 4950  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 1 hour of collection. Transfer serum to an amber transport tube. Freeze. Protect sample from light during collection, storage, and transport. Patient should be fasting overnight and not have ingested any alcohol for 1 day prior to collection. When multiple tests are ordered, submit separate tube for this test.  
**Volume**  
0.2 mL serum  
Conditions for specimen transportation:  
Frozen  
Specimen Acceptability:  
After separation from cells: unacceptable room temperature; 1 month refrigerated; 1 year frozen  
Specimen Rejection:  
Hemolysis  
room temperature samples  
whole blood  
body fluid  
Methodology:  
High performance liquid chromatography (hplc)  
Specimen Referral:  
Clinical Pathology Laboratories
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</tr>
<tr>
<td><strong>CPL:</strong></td>
<td>4963</td>
</tr>
<tr>
<td><strong>ZCPL:</strong></td>
<td>4963</td>
</tr>
<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>NOTES:</strong></td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
</tbody>
</table>

**Specimen Processing:**

2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Protect sample from light during collection, storage and transport. Patient should refrain from alcohol consumption for 24 hours prior to collection. Patient should be fasting for 12 hours prior to collection. When multiple tests are ordered, submit separate tube for this test.

**Volume**

1.2 mL serum

**Conditions for specimen transportation:**

Frozen

**Specimen Acceptability:**

After separation from cells: unacceptable room temperature; 1 month refrigerated; 6 months frozen

**Specimen Rejection:**

Hemolysis

room temperature samples

heparin plasma

**Methodology:**

High performance liquid chromatography (hplc)

**Specimen Referral:**

Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>ZINC, SERUM/PLASMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>84630</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>84630</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL TR/MET RBLUE (1), CPL TR/METAL ALQ (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>RYBL w/o additive.</td>
</tr>
<tr>
<td>UPON THE ADVICE OF THEIR PHYSICIANS, PATIENTS SHOULD BE ENCOURAGED TO DISCONTINUE NUTRITIONAL SUPPLEMENTS, VITAMINS, MINERALS, AND NON-ESSENTIAL OVER-THE-COUNTER MEDICATIONS FOR ONE WEEK PRIOR TO COLLECTION.</td>
<td></td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>84630</td>
</tr>
<tr>
<td>CPL:</td>
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<td>ZCPL:</td>
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<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Trace metal-free (royal blue top) tube without additive</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum from royal blue trace metal-free tube without additive. Centrifuge sample and separate serum from cells within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Diet, medication, and nutritional supplements may introduce interfering substances. Upon the advice of their physician, patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications for one week prior to collection. Avoid exposure to contrast media for 96 hours prior to collection.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.5 mL royal blue serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>2 days room temperature; 2 weeks refrigerated unacceptable frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis samples collected in tubes with additive</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Inductively coupled plasma/mass spectrometry (icp/ms)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratory</td>
</tr>
</tbody>
</table>
NAME: C-PEPTIDE  
ABBREVIATION: 84681  
SPECIMEN TYPE: Serum  
STORAGE TEMP: CR FZN  
CPT CODE(S): 84681  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: ALQ1 (1), CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 84681  
CPL: 4832  
ZCPL: 4832  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES: Specimen Collection: Serum separator tube  
Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Patient must be fasting prior to collection. When multiple tests are ordered, submit separate tube for this test.  
Volume 0.5 mL serum  
Conditions for specimen transportation: Frozen  
Specimen Acceptability: 3 hours room temperature; 3 days refrigerated; 1 week frozen  
Methodology: Immulite 2000 chemiluminescence quantitative method  
Specimen Referral: Clinical Pathology Laboratories
Order Choice Information

NAME: BETA HCG-TUMOR MARKER
ABBREVIATION: 84702
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 84702
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 84702
CPL: 2635
ZCPL: 2635
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None

Specimen Collection: SST or Gold top Serum

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Specimen Storage and Preservation:
Refrigerated 7 days
Frozen 2 months

Conditions for Specimen Transportation:
Refrigerated

Specimen Acceptability:
Serum only

Specimen Rejection:
Serum not separated from cells
Avoid repeated freeze/thaw cycles

Methodology:
Electrochemiluminescent immunoassay (eclia)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** HCG QUALITATIVE (SERUM PREG)  
**ABBREVIATION:** 84703  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 84703  
**INSTRUMENT/LOC:** SEROLOGY  
**TUBE/CONTAINER:** SERO SST (1)  
**TESTS:** Pregnancy Serum Qual, Pregnancy Serum Qual INT. PROC  
**ASTM/HL7/SDF 1:** 84703  
**CPL:** 2714  
**ZCPL:** 2714  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient preparation: N/A  
Specimen collection: SST Serum, or Red Top Tube  
Specimen processing: Allow SST and Red top tubes to clot in an upright position at room temperature for at least 30 minutes, then centrifuge sample. Separate serum from red top tubes.  
Specimen storage and preservation:  
- **Room Temperature (15 - 30°C):** N/A  
- **Refrigerated (2 - 8°C):** 48 hours  
- **Frozen (-20°C):** 12 months  
Conditions for specimen transportation: Refrigerated  
Specimen acceptability: Serum, SST Serum  
Specimen rejection: Hemolysis; improper labeling  
Freeze/Thaw: 1 cycle  
Methodology: Qualitative immunoassay.  
Specimen referral: N/A

---

**NAME:** DIRECT IMMUNOFLORESCENCE  
**ABBREVIATION:** 8499  
**SPECIMEN TYPE:** Urine CTNG  
**CPT CODE(S):** 8499  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL 10% FORMALIN (1), CPL MICHEL SOLUTION (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PLEASE SUBMIT HALF OF SAMPLE IN 10% FORMALIN AND THE OTHER HALF IN MICHEL SOLUTION.  
**ASTM/HL7/SDF 1:** 8499  
**CPL:** 8499  
**ZCPL:** 8499  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
**Order Choice Information**

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<td>ABBREVIATION:</td>
<td>85002</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>WB</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>CPT CODE(S):</td>
<td>85002</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>MAIN LAB</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>BLD TIME (1)</td>
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<tr>
<td>TESTS:</td>
<td>Bleeding Time</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>85002</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
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<td>VALID ICD-10 CODES:</td>
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<td>NOTES:</td>
<td>Patient preparation:</td>
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<td>Specimen collection:</td>
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<td>Specimen processing:</td>
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<td>Specimen storage and preservation:</td>
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<td>Conditions for specimen transportation:</td>
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<td>Specimen acceptability:</td>
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<td>Specimen rejection:</td>
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<tr>
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<td>Freeze/Thaw</td>
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<tr>
<td></td>
<td>Methodology:</td>
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<tr>
<td></td>
<td>Specimen referral:</td>
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</tbody>
</table>
Order Choice Information

NAME: MANUAL DIFFERENTIAL
ABBREVIATION: 85007
SPECIMEN TYPE: WB
STORAGE TEMP: RM TEMP
SPECIMEN TYPE: Manual Diff
CPT CODE(S): 9999
INSTRUMENT/LOC: HEMATOLOGY
TUBE/CONTAINER: LAV (1)
TESTS: Neutrophils, Band, Lymphocytes, Monocyte, Atypical Lymphocyte, Eosinophil, Basophil, Metamyelocyte, Myelocyte, Promyelocyte, Blastocyte, Nucleated RBC, Other Cell Type, Morphology, Total Cells Counted, Platelet Estimate, Smudge Cells
ASTM/HL7/SDF 1: 85007
CPL: 1001
ZCPL: 1001
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Test Includes:
White blood cell count (WBC), percentage and absolute differential counts

Specimen collection:
EDTA Whole Blood, Lavender Top Tube

Specimen processing:
Well mixed specimen

Specimen storage and preservation:
Room Temperature (20 to 25°C) 24 hours
Refrigerated (2 to 8°C) 48 hours

Conditions for specimen transportation:
Room Temperature

Specimen acceptability:
EDTA Whole Blood, Citrated Whole Blood for Platelet correction

Freeze/Thaw: N/A

Specimen rejection:
Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; transfer tubes with whole blood; specimen received with plasma removed (plasma is used for other testing)

Methodology:
Manual Microscopy

Specimen referral: None
### Order Choice Information

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<thead>
<tr>
<th>NAME:</th>
<th>CBC W/ AUTO DIFF</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>85025</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>WB EDTA</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>CBC/Hematology</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>85025</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>DXH 800</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>LAV (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW , PLT, MPV, NEUT%, LYMPH%, MONO%, EOS%, BASO%, NEUT#, LYMPH#, MONO#, EOS#, BASO#, REFLEX SCAN TO MANUAL DIFF, CD</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>85025</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>Yes</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**NOTES:**

- Patient preparation: None

**Test Includes:**

- Hematocrit; Hemoglobin; Mean Corpuscular Volume (MCV); Mean Corpuscular Hemoglobin (MCH); Mean Corpuscular Hemoglobin Concentration (MCHC); Red cell Distribution Width (RDW); Platelet count; Red cell count (RBC); White blood cell count (WBC), percentage and absolute differential counts

**Specimen collection:**

- EDTA Whole Blood, Lavender Top Tube

**Specimen processing:**

- Well mixed specimen

**Specimen storage and preservation:**

- Room Temperature (20 to 25°C) 24 hours
- Refrigerated (2 to 8°C) 48 hours

**Conditions for specimen transportation:**

- Room Temperature

**Specimen acceptability:**

- EDTA Whole Blood, Citrated Whole Blood for Platelet correction

**Freeze/Thaw:** N/A

**Specimen rejection:**

- Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; transfer tubes with whole blood; specimen received with plasma removed (plasma is used for other testing)

**Methodology:**

- Automated Cell Analyzer

**Specimen referral:** None
## Order Choice Information

**NAME:** HEMOGRAM WITH PLATELET  
**ABBREVIATION:** 85027  
**SPECIMEN TYPE:** WB EDTA  
**STORAGE TEMP:** RM TEMP  
**SPECIMEN TYPE:** CBC/Hematology  
**CPT CODE(S):** 85027  
**INSTRUMENT/LOC:** DXH 800  
**TUBE/CONTAINER:** LAV (1)  
**TESTS:** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, CBC  
**ASTM/HL7/SDF 1:** 85027  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** Yes  
**NOTES:**  
Patient preparation: None  

Test Includes:  
Hematocrit; Hemoglobin; Mean Corpuscular Volume (MCV); Mean Corpuscular Hemoglobin (MCH); Mean Corpuscular Hemoglobin Concentration (MCHC); Red cell Distribution Width (RDW); Platelet count; Red cell count (RBC); White blood cell count (WBC)  

Specimen collection:  
EDTA Whole Blood, Lavender Top Tube  

Specimen processing:  
Well mixed specimen  

Specimen storage and preservation:  
Room Temperature (20 to 25°C) 24 hours  
Refrigerated (2 to 8°C) 48 hours  

Conditions for specimen transportation:  
Room Temperature  

Specimen acceptability:  
EDTA Whole Blood, Citrated Whole Blood for Platelet correction  

Freeze/Thaw: N/A  

Specimen rejection:  
Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; transfer tubes with whole blood; specimen received with plasma removed (plasma is used for other testing)  

Methodology:  
Automated Cell Analyzer  

Specimen referral: None
<table>
<thead>
<tr>
<th>NAME: Reticulocyte Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 85045</td>
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<tr>
<td>SPECIMEN TYPE: WB EDTA</td>
</tr>
<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>SPECIMEN TYPE: CBC/Hematology</td>
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<tr>
<td>CPT CODE(S): 85045</td>
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<tr>
<td>INSTRUMENT/LOC: DXH 800</td>
</tr>
<tr>
<td>TUBE/CONTAINER: LAV (1)</td>
</tr>
<tr>
<td>TESTS: RETIC%, RETIC</td>
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<td>ASTM/HL7/SDF 1: 85045</td>
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<td>CPL: 1050</td>
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<td>ZCPL: 1050</td>
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<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Patient preparation: None</td>
</tr>
</tbody>
</table>

Test Includes:
Reticulocyte percentage

Specimen collection:
EDTA Whole Blood, Lavender Top Tube

Specimen processing:
Well mixed specimen

Specimen storage and preservation:
Room Temperature (20 to 25°C) 24 hours
Refrigerated (2 to 8°C) 72 hours

Conditions for specimen transportation:
Room Temperature

Specimen acceptability:
EDTA Whole Blood

Freeze/Thaw: N/A

Specimen rejection:
Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; transfer tubes with whole blood; specimen received with plasma removed (plasma is used for other testing)

Methodology:
Automated Cell Analyzer

Specimen referral: None
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME: PLATELET COUNT, AUTO</th>
<th>ABBREVIATION: 85049</th>
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<tbody>
<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
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<tr>
<td>SPECIMEN TYPE: CBC/Hematology</td>
<td>CPT CODE(S): 85049</td>
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<tr>
<td>INSTRUMENT/LOC: DXH 800</td>
<td>TUBE/CONTAINER: LAV (1), LT BLUE (1)</td>
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<td>TESTS: PLT, CBC</td>
<td>ASTM/HL7/SDF 1: 85049</td>
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<td>CPL: 1047</td>
<td>ZCPL: 1047</td>
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<td>VALID ICD-10 CODES: Yes</td>
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<tr>
<td>NOTES: Patient preparation: None</td>
<td></td>
</tr>
</tbody>
</table>

**Test Includes:**
- Platelet count

**Specimen collection:**
- EDTA Whole Blood, Lavender Top Tube

**Specimen processing:**
- Well mixed specimen

**Specimen storage and preservation:**
- Room Temperature (20 to 25°C) 24 hours
- Refrigerated (2 to 8°C) 48 hours

**Conditions for specimen transportation:**
- Room Temperature

**Specimen acceptability:**
- EDTA Whole Blood, Citrated Whole Blood for Platelet correction

**Freeze/Thaw:** N/A

**Specimen rejection:**
- Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; transfer tubes with whole blood; specimen received with plasma removed (plasma is used for other testing)

**Methodology:**
- Automated Cell Analyzer

**Specimen referral:** None
**Order Choice Information**

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<th>NAME: BONE MARROW SMEAR INTERP</th>
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<tbody>
<tr>
<td>ABBREVIATION: 85097</td>
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<tr>
<td>SPECIMEN TYPE: BONE MAR</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<td>CPT CODE(S): 85097</td>
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<tr>
<td>INSTRUMENT/LOC: ZIG</td>
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<tr>
<td>TUBE/CONTAINER: CPL BM INTERP (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 85097</td>
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<tr>
<td>CPL: 8407</td>
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<td>ZIG: BONE MARROW</td>
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<tr>
<td>LABCORP: 052001</td>
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<td>ZCPL: 8407</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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### Order Choice Information

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<thead>
<tr>
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<tbody>
<tr>
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<tr>
<td>SPECIMEN TYPE: CITR PL</td>
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<tr>
<td>STORAGE TEMP: CR FZN</td>
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<td>CPT CODE(S): 85210</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL LT BLUE (1), CPL PLASMA ALQ (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 85210</td>
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<td>CPL: 4216</td>
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<td>LABCORP: 086231</td>
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<td>ZCPL: 4216</td>
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<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Completely filled citrate (light blue top) tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>1 mL plasma</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Critical frozen (CFZ)</td>
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<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>4 hours room temperature; 4 hours refrigerated; 2 weeks frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Hemolysis</td>
</tr>
<tr>
<td>room temperature samples</td>
</tr>
<tr>
<td>refrigerated samples</td>
</tr>
<tr>
<td>Methodology:</td>
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<tr>
<td>Clot detection</td>
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<tr>
<td>Specimen Referral:</td>
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<td>Clinical Pathology Laboratories</td>
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NAME: FACTOR V ASSAY
ABBREVIATION: 85220
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85220
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LT BLUE (1), CPL PLASMA ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 85220
CPL: 4844
LABCORP: 086249
ZCPL: 4844
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Completely filled citrate (light blue top) tube

Specimen Processing:
2 mL platelet-poor citrate plasma. Fill a light blue top
tube as far as the vacuum will allow. Centrifuge sample at
1700 g for 15 minutes. Immediately remove the top two
thirds of the plasma from the sample using a plastic
transfer pipette. Place the plasma in a properly labeled
plastic transport tube and clearly mark the sample as
plasma. Immediately freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate tube for
this test.

Volume
2 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature; 4 hours refrigerated; 2 weeks frozen

Specimen Rejection:
Hemolysis
thawed samples

Methodology:
Clot detection

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: FACTOR VII ASSAY
ABBREVIATION: 85230
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85230
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LT BLUE (1), CPL PLASMA ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 85230
CPL: 4846
LABCORP: 800599
ZCPL: 4846
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Completely filled citrate (blue top) tube

Specimen Processing:
2 mL platelet-poor citrate plasma. Fill a light blue top
tube as far as the vacuum will allow. Centrifuge sample at
1700 g for 15 minutes. Immediately remove the top two
thirds of the plasma from the sample using a plastic
transfer pipette. Place the plasma in a properly labeled
plastic transport tube and clearly mark the sample as
plasma. Immediately freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate tube for
this test.

Volume
1 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature; 4 hours refrigerated; 2 weeks frozen

Specimen Rejection:
Hemolysis
thawed samples

Methodology:
Clot detection

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** FACTOR VIII ASSAY  
**ABBREVIATION:** 85240  
**SPECIMEN TYPE:** CITR PL  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 85240  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LT BLUE1 (1), CPL LT BLUE2 (1), CPL PLASMA ALQ (2)  
**TESTS:** No tests in this specimen  
**INFORMATION:** CENTRIFUGE IMMEDIATELY AND REMOVE THE TOP TWO THIRDS OF PLASMA. CRITICAL FROZEN.

| ASTM/HL7/SDF 1 | 85240  
|----------------|------  
| CPL            | 1470  
| LABCORP        | 086264  
| ZCPL           | 1470  
| VALID ICD-9 CODES | No  
| VALID ICD-10 CODES | No  

**NOTES:**  
**Specimen Collection:**  
Citrate (light blue top) tube  

**Specimen Processing:**  
2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate sample for this test.

**Volume**  
1 mL frozen plasma

**Conditions for specimen transportation:**  
Critical frozen (CFZ)

**Specimen Acceptability:**  
4 hours room temperature; unacceptable refrigerated; 3 months froze

**Specimen Rejection:**  
Hemolysis  
thawed samples

**Methodology:**  
Clot detection

**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

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<th>RISTOCETIN COFACTOR</th>
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<tbody>
<tr>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Completely filled citrate (light blue top) tube</td>
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<tr>
<td></td>
<td>Specimen Processing: 2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.</td>
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<tr>
<td></td>
<td>Volume 1 mL frozen plasma</td>
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<tr>
<td></td>
<td>Conditions for specimen transportation: Critical frozen (CFZ)</td>
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<tr>
<td></td>
<td>Specimen Acceptability: 4 hours room temperature; unacceptable refrigerated; 2 weeks frozen</td>
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<tr>
<td></td>
<td>Specimen Rejection: Hemolysis thawed samples serum</td>
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<tr>
<td></td>
<td>Methodology: Platelet agglutination</td>
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<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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**Specimen Collection:**

Completely filled citrate (light blue top) tube

**Specimen Processing:**

2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

**Volume**

1 mL frozen plasma

**Conditions for specimen transportation:**

Critical frozen (CFZ)

**Specimen Acceptability:**

4 hours room temperature; unacceptable refrigerated; 2 weeks frozen

**Specimen Rejection:**

Hemolysis

thawed samples

serum

**Methodology:**

Platelet agglutination

**Specimen Referral:**

Clinical Pathology Laboratories
**Order Choice Information**

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<thead>
<tr>
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<td>INFORMATION:</td>
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<td>NOTES:</td>
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<td>2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.</td>
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<td>Volume</td>
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<td>Conditions for specimen transportation:</td>
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<td>Specimen Acceptability:</td>
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<td>Methodology:</td>
<td>Microlatex particle - mediated IA</td>
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<td>Specimen Rejection:</td>
<td>Hemolysis thawed samples</td>
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# Order Choice Information

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<td>INFORMATION: LT BLUEX2, SPLIT PLASMA INTO 2 ALQ’S, FREEZE.</td>
<td>ASTM/HL7/SDF 1: 85247</td>
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<tr>
<td>CPL: 5441</td>
<td>LABCORP: 500148</td>
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<td>Specimen Processing: 4 mL platelet-poor citrate plasma in 2 vials. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two-thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma into 2 properly labeled plastic transport tubes and clearly mark the samples as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tubes for this test.</td>
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<td>VALID ICD-10 CODES: No</td>
<td>Conditions for specimen transportation: Critical frozen (CFZ)</td>
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<td>NOTES:</td>
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<td>Specimen Rejection: Hemolysis</td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
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**Volume**

4 mL plasma

**Conditions for specimen transportation:**

Critical frozen (CFZ)

**Specimen Acceptability:**

4 hours room temperature;

**Specimen Rejection:**

Hemolysis

**Specimen Referral:**

Clinical Pathology Laboratories
NAME: FACTOR IX ASSAY
ABBREVIATION: 85250
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85250
INSTRUMENT/LOC: CPL
TUBE CONTAINER: CPL LT BLUE (1), CPL PLASMA ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF: 85250
CPL: 4984
LABCORP: 086298
ZCPL: 4984
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Completely filled citrate (light blue top) tube

Specimen Processing:
2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as citrate plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
1 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature; 4 hours refrigerated; 2 weeks frozen

Specimen Rejection:
Hemolysis
thawed samples

Methodology:
Clot detection

Specimen Referral:
Clinical Pathology Laboratories
<table>
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<tr>
<th>NAME:</th>
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<tr>
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<td>TESTS:</td>
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<td>NOTES:</td>
<td>Specimen Collection: Completely filled citrate (light blue top) tube</td>
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Specimen Processing:
2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ).

When multiple tests are ordered, submit separate tube for this test.

Volume
1 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature; 4 hours refrigerated; 2 weeks frozen

Specimen Rejection:
Hemolysis
thawed samples

Methodology:
Clot detection

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: FACTOR XI ASSAY
ABBREVIATION: 85270
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85270
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LT BLUE (2), CPL PLASMA ALQ (2)
TESTS: No tests in this specimen
INFORMATION: CENTRIFUGE IMMEDIATELY AND REMOVE THE TOP TWO THIRDS OF PLASMA. CRITICAL FROZEN.
ASTM/HL7/SDF 1: 85270
CPL: 1475
LABCORP: 086314
ZCPL: 1475
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Completely filled citrate (light blue top) tube

Specimen Processing:
2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
1 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature; 4 hours refrigerated; 2 weeks frozen

Specimen Rejection:
Hemolysis
thawed samples

Methodology:
Clot detection

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

- **NAME:** FACTOR XII ASSAY  
- **ABBREVIATION:** 85280  
- **SPECIMEN TYPE:** CITR PL  
- **STORAGE TEMP:** CR FZN  
- **CPT CODE(S):** 85280  
- **INSTRUMENT/LOC:** CPL  
- **TUBE/CONTAINER:** CPL LT BLUE (1), CPL PLASMA ALQ (1)  
- **TESTS:** No tests in this specimen  
- **ASTM/HL7/SDF 1:** 85280  
- **CPL:** 1480  
- **LABCORP:** 086322  
- **ZCPL:** 1480  
- **VALID ICD-9 CODES:** No  
- **VALID ICD-10 CODES:** No  

**NOTES:**  
- Specimen Collection:  
  Completely filled citrate (light blue top) tube  
- Specimen Processing:  
  2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ).  
  When multiple tests are ordered, submit separate tube for this test.  

**Volume**  
1 mL frozen plasma  

**Conditions for specimen transportation:**  
Critical frozen (CFZ)  

**Specimen Acceptability:**  
4 hours room temperature; 4 hours refrigerated; 2 weeks frozen  

**Specimen Rejection:**  
Hemolysis  
thawed samples  

**Methodology:**  
Clot detection  

**Specimen Referral:**  
Clinical Pathology Laboratories
Order Choice Information

NAME: ANTI-THROMBIN III ACTIVITY
ABBREVIATION: 85300
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85300
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C1490 LTBL (1), C1490A CITPL FZN (1)
TESTS: No tests in this specimen
INFORMATION: SPECIAL INSTRUCTIONS FOR SAMPLE PREPARATION REQUIRED.
ASTM/HL7/SDF 1: 85300
CPL: 1490
ZCPL: 1490
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium citrate (light blue top) tube

Specimen Processing:
1. Fill a light blue top tube as far as vacuum will allow and mix by gentle inversion five to six times. The exact ratio of 1 part sodium citrate to 9 parts blood must be maintained. Inadequate filling of the sample will alter this ratio and may lead to inaccurate results.
2. Patients who have hematocrit values above 55% should have the anticoagulant adjusted to maintain the 1 to 9 ratio. For further instructions on the collection of platelet-poor plasma for patients with hematocrit value of >55%, please contact CPL austin customer service.
3. To obtain platelet-poor plasma, immediately centrifuge sample at 1500 rcf/s for 15 minutes, then pipette the supernatant plasma and transfer to a plastic transport tube.
4. Re-centrifuge plasma in the plastic transport tube at 1500 rcf/s for 15 minutes to ensure that no red cells are present.
5. Pipette the top two-thirds of the supernatant plasma and transfer to another plastic transport tube.
6. Immediately freeze the plasma at -20 degrees c or lower for transport. Critical frozen (CFZ).
7. When multiple tests are ordered, submit separate tube for this test.

Patient prep: patients should discontinue oral anticoagulant therapy for at least 2 weeks prior to testing, upon the advice of their physician.

Volume
1 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature; 1 month frozen

Specimen Rejection:
Hemolysis
lipemia
thawed samples

Methodology:
Quantitative chromogenic
Order Choice Information

NAME: PROTEIN C TOTAL ANTIGEN
ABBREVIATION: 85302
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85302
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL LT BLUE (1)
TESTS: No tests in this specimen
INFORMATION: See CPL website for special processing instructions.
ASTM/HL7/SDF 1: 85302
CPL: 1457
ZCPL: 1457
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium citrate (light blue top) tube

Specimen Processing:
1. Fill a light blue top tube as far as vacuum will allow and mix by gentle inversion five to six times. The exact ratio of 1 part sodium citrate to 9 parts blood must be maintained. Inadequate filling of the sample will alter this ratio and may lead to inaccurate results.
2. Patients who have hematocrit values above 55% should have the anticoagulant adjusted to maintain the 1 to 9 ratio. For further instructions on the collection of platelet-poor plasma for patients with a hematocrit value of >55%, please contact CPL austin customer service.
3. To obtain platelet-poor plasma, immediately centrifuge sample at 1500 rcf for 15 minutes, then pipette the supernatant plasma and transfer to a plastic transport tube.
4. Re-centrifuge plasma in the plastic transport tube at 1500 rcf for 15 minutes to ensure that no red cells are present.
5. Pipette the top two-thirds of the supernatant plasma and transfer to another plastic transport tube.
6. Immediately freeze the plasma at -20 degrees c or lower for transport. Critical frozen (CFZ).
7. When multiple tests are ordered, submit separate tube for this test.

Patient prep: patients should discontinue oral anticoagulant therapy for at least 2 weeks prior to testing, upon the advice of their physician.

Volume
1 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
8 hours room temperature; 1 month frozen at -20 degrees c

Specimen Rejection:
Hemolysis
lipemia
thawed samples

Methodology:
NAME: PROTEIN C FUNCTION ACTIVITY
ABBREVIATION: 85303
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85303
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4253 LTBL (1), C4253A CITPL FZN (1)
TESTS: No tests in this specimen
INFORMATION: SPECIAL INSTRUCTIONS FOR SAMPLE PREPARATION REQUIRED.
ASTM/HL7/SDF 1: 85303
CPL: 4253
ZCPL: 4253
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium citrate (light blue top) tube

Specimen Processing:
1. Fill a light blue top tube as far as vacuum will allow and mix by gentle inversion five to six times. The exact ratio of 1 part sodium citrate to 9 parts blood must be maintained. Inadequate filling of the sample tube will alter this ratio and may lead to inaccurate results.
2. Patients who have hematocrit values above 55% should have the anticoagulant adjusted to maintain the 1 to 9 ratio. For further instructions on the collection of platelet-poor plasma for patients with hematocrit value of >55%, please contact CPL austin customer service.
3. To obtain platelet-poor plasma, immediately centrifuge sample at 1500 rcf's for 15 minutes, then pipette the supernatant plasma and transfer to a plastic transport tube.
4. Re-centrifuge plasma in the plastic transport tube at 1500 rcf's for 15 minutes to ensure that no red cells are present.
5. Pipette the top two-thirds of the supernatant plasma and transfer to another plastic transport tube.
6. Immediately freeze the plasma at -20 degrees c or lower for transport. Critical frozen (CFZ).
7. When multiple tests are ordered, submit separate tube for this test.

Patient prep: patients should discontinue oral anticoagulant therapy for at least 2 weeks prior to testing, upon the advice of their physician.

Volume
1 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
8 hours room temperature; 1 month frozen

Specimen Rejection:
Hemolysis
lipemia
room temperature samples
refrigerated samples

Methodology:
ORDER CHOICE INFORMATION

NAME: FACTOR IX INHIBITOR
ABBREVIATION: 85335
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85335
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ1 (1), CPL ALQ2 (1), CPL ALQ3 (1), CPL ALQ4 (1), CPL ALQ5 (1), CPL ALQ6 (1), CPL LT BLUE1 (1), CPL LT BLUE2 (1), CPL LT BLUE3 (1), CPL LT BLUE4 (1), CPL LT BLUE5 (1), CPL LT BLUE6 (1)
TESTS: No tests in this specimen
INFORMATION: SPIN DOWN IMMEDIATELY AND REMOVE THE TOP TWO THIRDS PLASMA FROM EACH LIGHT BLUE TOP AND ALIQUOT. CRITICAL FROZEN.
ASTM/HL7/SDF 1: 85335
CPL: 1458
LABCORP: 500390
ZCPL: 1458
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Citrate (light blue top) tube

Specimen Processing:
6 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place 3 mL plasma into each of 2 properly labeled transport tubes. Clearly mark the samples as plasma. Immediately freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate tube for this test.

Volume
6 mL

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: 4 hours room

Specimen Rejection:
Thawed samples

Methodology:
Clot detection

Specimen Referral:
Clinical Pathology Laboratories
<table>
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</table>

Test Includes:
D-Dimer

Specimen collection:
Sodium Citrate Plasma, Light Blue Tube
Nine parts of freshly drawn venous blood are collected into one part trisodium citrate tube.

Specimen processing:
Centrifuge @ 2500g for 15 minutes. Separate 2 mL citrate platelet-poor plasma from cells immediately. Transfer plasma to a plastic transport tube using a plastic transfer pipette.

Specimen storage and preservation:
Freeze plasma @ -20 degrees Celsius

Conditions for specimen transportation:
Frozen

Specimen acceptability:
Citrated plasma

Freeze/Thaw: N/A

Specimen rejection:
Specimens received from satellite draw station thawed; hemolysis, grossly lipemic

Methodology:
Automated Latex Enhanced Immunoassay; Immunoturbidimetric Assay

Specimen referral: CPL
D-Dimer can be run STAT at CPL.
NAME: FIBRINOGEN
ABBREVIATION: 85384
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85384
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C2092 LTBL (1), C2092A PL FZN (1)
TESTS: No tests in this specimen
INFORMATION: PLEASE PROCESS SPECIMEN USING PLATELET-POOR PROCEDURE!
ASTM/HL7/SDF 1: 85384
CPL: 2092
ZCPL: 2092
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium citrate (light blue top) tube

Specimen Processing:
1. Fill a light blue top tube as far as vacuum will allow and mix by gentle inversion five to six times. The exact ratio of 1 part sodium citrate to 9 parts blood must be maintained. Inadequate filling of the sample tube will alter this ratio and may lead to inaccurate results.
2. Patients who have hematocrit values above 55% should have the anticoagulant adjusted to maintain the 1 to 9 ratio. For further instructions on the collection of platelet-poor plasma for patients with hematocrit value of >55%, please contact CPL Austin customer service.
3. To obtain platelet-poor plasma, immediately centrifuge sample at 1500 rcf for 15 minutes, then pipette the supernatant plasma and transfer to a plastic transport tube.
4. Re-centrifuge plasma in the plastic transport tube at 1500 rcf for 15 minutes to ensure that no red cells are present.
5. Pipette the top two-thirds of the supernatant plasma and transfer to another plastic transport tube.
6. Immediately freeze the plasma at -20 degrees c or lower for transport. Critical frozen (CFZ).
7. When multiple tests are ordered, submit separate tube for this test.
Patient prep: patients should discontinue oral anticoagulant therapy for at least 2 weeks prior to testing, upon the advice of their physician.

Volume
1 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours thawed; longer if frozen

Specimen Rejection:
Hemolysis
Lipemia
Thawed samples

Methodology:
Activity on automated coagulation analyzer
### Order Choice Information

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<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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</table>
| NOTES:            | Specimen Collection:  
|                   | Citrate (light blue top) tube |
|                   | Specimen Processing:  
|                   | 1 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g (rcf) for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate sample for this test.  
|                   | Volume:  
|                   | 1 mL plasma |
|                   | Conditions for specimen transportation:  
|                   | Critical frozen (CFZ) |
|                   | Specimen Acceptability:  
|                   | 8 hours room temperature; unacceptable refrigerated; 1 month frozen |
|                   | Specimen Rejection:  
|                   | Hemolysis  
|                   | thawed samples  
|                   | serum |
|                   | Methodology:  
|                   | Chromogenic |
|                   | Specimen Referral:  
|                   | Clinical Pathology Laboratories |
### Order Choice Information

**NAME:** PLASMINOGEN ACTIVITY  
**ABBREVIATION:** 85420  
**SPECIMEN TYPE:** CITR PL  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 85420  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C4248 LTBL (1), C4248A CITPL FZN (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** LTBLUE, FREEZE PLASMA.  
**ASTM/HL7/SDF 1:** 85420  
**CPL:** 4248  
**ZCPL:** 4248  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Completely filled citrate (light blue top) tube  

Specimen Processing:  
1 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g (rcf) for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

**Volume**  
0.5 mL frozen plasma

**Conditions for specimen transportation:**  
Critical frozen (CFZ)

**Specimen Acceptability:**  
4 hours room temperature; unacceptable refrigerated; 3 months frozen

**Specimen Rejection:**  
Hemolysis  
room temperature samples  
refrigerated samples  
EDTA (lavender top) plasma

**Methodology:**  
Chromogenic

**Specimen Referral:**  
Clinical Pathology Laboratories
Order Choice Information

NAME: HEMOGLOBIN F
ABBREVIATION: 85460
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 85460
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 85460
CPL: 2722
ZCPL: 2722
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Refrigerate.
Volume
2 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 5 days refrigerated; unacceptable frozen

Specimen Rejection:
Hemolysis
lipemia
frozen samples
plasma
body fluid
contaminated samples

Methodology:
Capillary electrophoresis

Specimen Referral:
Clinical Pathology Laboratories

NAME: Leukocyte Alkaline Phosphatase
ABBREVIATION: 85540
SPECIMEN TYPE: NAHEP WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 85540
INSTRUMENT/LOC: LABCORP
TUBE/CONTAINER: DK GRN HEPARIN TUBE (1), SLIDE (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 85540
LABCORP: 001966
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

INFORMATION: ROUTE TO ML HEMATOLOGY! Slides must be made within 24 hours of collection.
Prepare smears on 6 (frosted end) slides from Heparinized Whole Blood and mixing. Air dry the slides and label with patient's name. Submit all.

ASTM/HL7/SDF 1: 85540
LABCORP: 001966
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
### Order Choice Information

**NAME:** RBC OSMOTIC FRAGILITY  
**ABBREVIATION:** 85555  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 85555  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV1 (1), CPL LAV2 (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** DRAW LAV, REFRIGERATE. DRAW LAV FROM NORMAL PATIENT AS CONTROL. LABEL GENDER ON BOTH TUBES. COLLECT MON-THURS ONLY. SEE ORDER CHOICE NOTE FOR INFO.  
**ASTM/HL7/SDF 1:** 85555  
**CPL:** 4918  
**ZCPL:** 4918  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
EDTA (lavender top) tube  

**Specimen Processing:**  
5 mL EDTA whole blood. Critical refrigerate (CRF). Also submit 2 unfixed, air-dried, unstained smears made from the blood submitted. Specimens should be refrigerated within 30 minutes of collection. Collect specimen Monday through Friday only.  

**Volume**  
1 mL whole blood and 2 smears  

**Conditions for specimen transportation:**  
Critical refrigerated (CRF)  

**Specimen Acceptability:**  
Unacceptable room temperature; 3 days refrigerated; unacceptable frozen  

**Specimen Rejection:**  
Hemolysis  
room temperature samples  
frozen samples  

**Methodology:**  
Spectrophotometry  

**Specimen Referral:**  
Clinical Pathology Laboratories
Order Choice Information

NAME: PT/INR  
ABBREVIATION: 85610  
SPECIMEN TYPE: WB  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 85610  
INSTRUMENT/LOC: ACL-ELITE  
TUBE/CONTAINER: LT BLUE (1)  
TESTS: PROTHROMBIN TIME , INR, Therapeutic  
ASTM/HL7/SDF 1: 85610  
CPL: 1425  
ZCPL: 1425  
VALID ICD-9 CODES: Yes  
VALID ICD-10 CODES: Yes  
NOTES:  
Patient preparation: Venipuncture should be clean without trauma  

Test Includes: Prothrombin Time, International Normalized Ratio  

Specimen collection: Light Blue Tube, Sodium Citrate Plasma - Nine parts of freshly drawn venous blood are collected into one part trisodium citrate tube.  

Specimen processing: Centrifuge @ 2500g for 15 minutes. Separate 2 mL citrate platelet-poor plasma from cells immediately. Transfer plasma to a plastic transport tube using a plastic transfer pipette.  

Specimen storage and preservation: Unopened tube stable for 24 hours at room temperature. If testing prolonged, Freeze plasma @ -20 degrees Celsius. Stable for 2 weeks frozen.  

Conditions for specimen transportation: Transport at room temperature unless sending frozen specimen.  

Specimen acceptability: Citrated plasma  
Freeze/Thaw: N/A  
Specimen rejection: Clotted, hemolysis, gross lipemia, short specimens, wrong anticoagulant, frozen whole blood.  
Methodology: Coagulometry  
Specimen referral: Gross lipemic specimens will be sent to reference lab for analysis.
**Order Choice Information**

**NAME:** SEDIMENTATION RATE  
**ABBREVIATION:** 85652  
**SPECIMEN TYPE:** WB  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 85652  
**INSTRUMENT/LOC:** ESR SediTen  
**TUBE/CONTAINER:** LAV (1)  
**TESTS:** Sedimentation Rate  
**INFORMATION:** 4 hr stability EDTA and 12 hr stability EDTA refrig. (2-8°C)  
**ASTM/HL7/SDF 1:** 85652  
**CPL:** 1055  
**ZCPL:** 1055  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient preparation: N/A  
Specimen collection: EDTA Whole Blood, Lavender Top Tube  
Specimen processing: Well mixed specimen  
Specimen storage and preservation:  
Room Temperature (15 - 30°C) 4 hour  
Refrigerated (2 - 8°C) 12 hours  
Frozen (-20°C) N/A  
Conditions for specimen transportation: Transport at room temperature if shipping within 4 hours of collection or ship refrigerated if shipping after 4 hours of collection  
Specimen acceptability: EDTA Whole Blood  
Specimen rejection: Short samples; Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; specimen received with plasma removed (plasma is used for other testing)  
Freeze/Thaw: N/A  
Methodology: Sediten Automated ESR Reader, quantitative  
Specimen referral: N/A
**Order Choice Information**

**NAME:** SICKLE CELL TEST (HEMOGLOBIN S)  
**ABBREVIATION:** 85660  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 85660  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV1 (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 85660  
**CPL:** 3520  
**ZCPL:** 3520  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
**Specimen Collection:**  
EDTA (lavender top) tube  
**Specimen Processing:**  
5 mL EDTA whole blood. Refrigerate.  
**Volume**  
2 mL whole blood  
**Conditions for specimen transportation:**  
Refrigerated  
**Specimen Acceptability:**  
1 day room temperature; 2 weeks refrigerated  
**Methodology:**  
Floculation - hgb s solubility sicklescreen by pacific hemostasis  
**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: THROMBIN TIME, PLASMA
ABBREVIATION: 85670
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85670
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: HEP PLASMA (1), LT BLUE (1)
TESTS: No tests in this specimen
INFORMATION: REMOVE THE TOP TWO THIRDS OF THE PLASMA FROM THE SAMPLE USING A PLASTIC TRANSFER PIPETTE. FREEZE IMMEDIATELY.
ASTM/HL7/SDF 1: 85670
CPL: 1441
ZCPL: 1441
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Citrate (light blue top) tube

2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ).

When multiple tests are ordered, submit separate sample for this test.

Volume
2 mL

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
2 hours room temperature; 4 hours refrigerated;

Specimen Rejection:
Hemolysis

Methodology:
Clot detection

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

**NAME:** LUPUS ANTICOAGULANT SCREEN REFLX  
**ABBREVIATION:** 85705  
**SPECIMEN TYPE:** CITR PL  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 85705  
**INSTRUMENT/LOC:** CPL  
**TUBE.CONTAINER:** C1485 LTBL1 (1), C1485 LTBL2 (1), C1485 LTBL3 (1), C1485A CITPL FZN1 (1), C1485A CITPL FZN2 (1), C1485A CITPL FZN3 (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** CENTRIFUGE AND REMOVE PLASMA, CENTRIFUGE PLASMA AGAIN. SEPARATE PLASMA INTO 3 PLASTIC TUBES, FREEZE IMMEDIATELY.  
**ASTM/HL7/SDF 1:** 85705  
**CPL:** 1485  
**LABCORP:** 504081  
**ZCPL:** 1485  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** Yes  

## NOTES:

**Specimen Collection:**  
Citrate (light blue top) tube  

**Specimen Processing:**  
1. This test requires 3 frozen plasma aliquots. Fill 2 light blue top tubes as far as vacuum will allow exact ratio of 1 part sodium citrate to 9 parts blood must be maintained. Inadequate filling of the sample tube will alter this ratio and may lead to inadequate results.  
2. Patients who have hematocrit values above 55% should have the anticoagulant adjusted to maintain the 1 to 9 ratio. For further instructions on the collection of platelet-poor plasma for patients with hematocrit value of >55%, please contact CPL austin customer service.  
3. To obtain platelet-poor plasma, immediately centrifuge sample at 1500 rcf's for 15 minutes, then pipette the supernatant plasma and transfer to a plastic transport tube.  
4. Re-centrifuge plasma in the plastic transport tube at 1500 rcf's for 15 minutes to ensure that no red cells are present.  
5. Pipette the top two-thirds of the supernatant plasma and transfer 3.5 mL plasma into 3 separate plastic transport tubes.  
6. Immediately freeze the plasma at -20 degrees c or lower for transport. Samples are critical frozen (CFZ).  
7. When multiple tests are ordered, submit separate tubes for this test.  

**Volume**  
3.5 mL separated into 3 plastic transport tubes  

**Conditions for specimen transportation:**  
Critical frozen (CFZ)  

**Specimen Rejection:**  
Hemolysis  

**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

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<td>VALID ICD-10 CODES:</td>
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</table>

**NOTES:**
- Patient preparation: Venipuncture should be clean without trauma

Test Includes: Activated Partial Prothrombin Time

Specimen collection: Light Blue Tube, Sodium Citrate Plasma - Nine parts of freshly drawn venous blood are collected into one part trisodium citrate tube.

Specimen processing: Centrifuge @ 2500g for 15 minutes. Separate 2 mL citrate platelet-poor plasma from cells immediately. Transfer plasma to a plastic transport tube using a plastic transfer pipette.

Specimen storage and preservation: Stable for 4 hours at room temperature. If testing prolonged, Freeze plasma @ -20 degrees Celsius. Stable for 2 weeks frozen.

Conditions for specimen transportation: Transport at room temperature unless sending frozen specimen.

Specimen acceptability: Citrated plasma

Freeze/Thaw: N/A

Specimen rejection: Clotted, hemolysis, gross lipemia, short specimens, wrong anticoagulant, frozen whole blood.

Methodology: Coagulometry

Specimen referral: Gross lipemic specimens will be sent to reference lab for analysis.
Order Choice Information

NAME: VISCOSITY SERUM
ABBREVIATION: 85810
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 85810
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL PLAIN RED (1), CPL SERUM ALQ (1)
TESTS: No tests in this specimen
INFORMATION: PLRED, FREEZE SERUM.
ASTM/HL7/SDF 1: 85810
CPL: 1300
ZCPL: 1300
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
1.5 frozen serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 8 hours room temperature; 4 days refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
room temperature samples
clotted samples

Methodology:
Cone plate viscometer

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
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<tr>
<td>INFORMATION:</td>
<td>NOTE: IF PARALLEL TESTING IS DESIRED, SUBMIT ACUTE AND CONVALESCENT SAMPLES TOGETHER. BOTH SAMPLES ARE FROZEN. CLEARLY LABEL SAMPLES AS ACUTE OR CONVALESCENT AND INCLUDE DATES OF COLLECTION.</td>
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ASTM/HL7/SDF 1: 86000  
CPL: 4188  
ZCPL: 4188  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  

**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
2.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: if parallel testing is desired, submit acute and convalescent samples together. Clearly label samples as acute or convalescent.  

**Volume**  
2.5 mL serum  

**Conditions for specimen transportation:**  
Refrigerated  

**Specimen Acceptability:**  
3 days refrigerated; 1 year frozen  

**Specimen Rejection:**  
Hemolysis  

**Methodology:**  
Rickettsia: indirect immunofluorescence AB  

**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

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<td>TUBE/CONTAINER: C3565 PLRED (1), C3565A SRM RT (1)</td>
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</table>

**TESTS:** No tests in this specimen

**INFORMATION:** 2 ML SERUM FROM A PLAIN RED TOP TUBE. KEEP SAMPLE AT 37 DEGREES UNTIL SEPARATED FROM CELLS. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR 30-60 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 1 HOUR OF COLLECTION. CRITICAL ROOM TEMPERATURE.

**ASTM/HL7/SDF 1:** 86005

**VALID ICD-9 CODES:** No

**VALID ICD-10 CODES:** No

**NOTES:**
Specimen Collection:
Plain red top tube

Specimen Processing:
2 mL serum from a plain red top tube. Keep sample at 37 degrees until separated from cells. Allow sample to clot in an upright position for 30-60 minutes, then centrifuge sample within 1 hour of collection. Room temperature.

**Volume**
0.5 mL serum

**Conditions for specimen transportation:**
Room temperature

**Specimen Acceptability:**
After separation from cells: 2 days room temperature; 2 weeks refrigerated; unacceptable frozen

**Specimen Rejection:**
Hemolysis
samples not separated from cells
samples collected in serum separator tube
samples not kept at 37c until separated

**Methodology:**
Serial dilution

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: PLATELET AB DIRECT
ABBREVIATION: 86014
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 86014
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4723 LAV1 (1), C4723 LAV2 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86014
CPL: 4723
ZCPL: 4723
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
10 mL EDTA whole blood. Critical room temperature (CRT).
Collect sample only Monday through Thursday.

Volume
5 mL whole blood

Conditions for specimen transportation:
Critical room temperature (CRT)

Specimen Acceptability:
2 days room temperature; unacceptable refrigerated; unacceptable frozen

Specimen Rejection:
Hemolysis
refrigerated samples
frozen samples
samples more than 24 hours old
clotted samples

Methodology:
Flow cytometry

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

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<td>ZCPL: 4724</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
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<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Plain red top tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze.</td>
</tr>
<tr>
<td>Note: for newborns less than 30 days old, collect sample from the mother.</td>
</tr>
<tr>
<td>When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>2 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>After separation from cells:</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Hemolysis</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Enzyme-linked immunosorbent assay (ELISA)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
<tr>
<td>NAME: ANA (IFA)</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S): 86039</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: IFA SCOPE</td>
</tr>
<tr>
<td>TUBE/CONTAINER: SST TIGER (1)</td>
</tr>
<tr>
<td>TESTS: ANA (IFA), Homogeneous, Speckled, Nucleolar, Centromere, Atypical Speckled</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 86039</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Patient preparation: None</td>
</tr>
</tbody>
</table>

Test includes: ANA Pattern and Titer

Specimen collection: Gold top (SST)

Specimen storage and preservation: After testing, 1 week refrigerated

Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated

Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.

Specimen acceptability: Serum; Within 48 hours if refrigerated

Specimen rejection: Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.

Freeze/Thaw: 1 cycle

Methodology: Immunofluorescence Assay (IFA)

Specimen referral: None
<table>
<thead>
<tr>
<th><strong>Name</strong>:</th>
<th>ASO TITER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Abbreviation</strong>:</td>
<td>86060</td>
</tr>
<tr>
<td><strong>Specimen Type</strong>:</td>
<td>Serum</td>
</tr>
<tr>
<td><strong>Storage Temp</strong>:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td><strong>CPT Code(s)</strong>:</td>
<td>86060</td>
</tr>
<tr>
<td><strong>Instrument/Location</strong>:</td>
<td>CPL</td>
</tr>
<tr>
<td><strong>Tube/Container</strong>:</td>
<td>CPL SST GOLD (1)</td>
</tr>
<tr>
<td><strong>Tests</strong>:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td><strong>ASTM/HL7/SDF 1</strong>:</td>
<td>86060</td>
</tr>
<tr>
<td><strong>CPL</strong>:</td>
<td>3555</td>
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<tr>
<td><strong>ZCPL</strong>:</td>
<td>3555</td>
</tr>
<tr>
<td><strong>Valid ICD-9 Codes</strong>:</td>
<td>No</td>
</tr>
<tr>
<td><strong>Valid ICD-10 Codes</strong>:</td>
<td>No</td>
</tr>
</tbody>
</table>

**Notes:**
- Specimen Collection:
  - Serum separator tube
- Specimen Processing:
  - 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.
- Volume
  - 0.25 mL serum
- Conditions for specimen transportation:
  - Refrigerated
- Specimen Acceptability:
  - 1 day room temperature; 1 week refrigerated
- Specimen Rejection:
  - Hemolysis
  - Gross lipemia
- Methodology:
  - Olympus immunoturbidimetric quantitative method
- Specimen Referral:
  - Clinical Pathology Laboratories

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The Austin Diagnostic Clinic Laboratory
12221 North Mopac Expressway
AUSTIN, TX  78758

NAME: C REACTIVE PROTEIN
ABBREVIATION: 86140
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 86140
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: SST GOLD (1)
TESTS: C-Reactive Protein
ASTM/HL7/SDF 1: 86140
CPL: 3545
ZCPL: 3545
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: Fasting specimen preferred
Specimen Collection: SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 3 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM only
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Lipemia, Improper Container or Labeling
Methodology: Immunoturbidimetric
Specimen Referral: None
NAME: CARDIO CRP (HS)  
ABBREVIATION: 86141  
SPECIMEN TYPE: Serum  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 86141  
INSTRUMENT/LOC: DXC  
TUBE/CONTAINER: SST GOLD (1)  
TESTS: High Sensitive Cardio C-RP, C-CRP ASSAY  
ASTM/HL7/SDF 1: 86141  
CPL: 5083  
ZCPL: 5083  
VALID ICD-9 CODES: Yes  
VALID ICD-10 CODES: No  
NOTES:  
Patient Preparation: Fasting specimen preferred  
Specimen Collection: SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 3 days  
Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM only  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Gross Lipemia, Improper Container or Labeling  
Methodology: Immunoturbidimetric  
Specimen Referral: None
NAME: BETA 2 GLYCO PROTEIN IM/IG
ABBREVIATION: 86146
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86146
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5321 SST (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86146
CPL: 5321
ZCPL: 5321
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
8 hours room temperature; 2 days refrigerated; >2 days frozen

Specimen Rejection:
Hemolysis
lipemia
gross icterus
body fluid
plasma
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>COLD AGGLUTININ QNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>86157</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR RM TEMP</td>
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<tr>
<td>CPT CODE(S):</td>
<td>86157</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PREWARM PL RED (1), CPL SERUM ALQ (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>2 ML SERUM FROM A PLAIN RED TOP TUBE. KEEP SAMPLE AT 37 DEGREES CELCIUS UNTIL SEPARATED FROM CELLS. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR 30-60 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 1 HOUR OF COLLECTION. CRITICAL ROOM TEMPERATURE.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>86157</td>
</tr>
<tr>
<td>CPL:</td>
<td>3565</td>
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<td>ZCPL:</td>
<td>3565</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Plain red top tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>2 mL serum from a plain red top tube. Keep sample at 37 degrees until separated from cells. Allow sample to clot in an upright position for 30-60 minutes, then centrifuge sample within 1 hour of collection. Room temperature.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Room temperature</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>After separation from cells: 2 days room temperature; 2 weeks refrigerated; unacceptable frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis</td>
</tr>
<tr>
<td></td>
<td>samples not separated from cells</td>
</tr>
<tr>
<td></td>
<td>samples collected in serum separator tube</td>
</tr>
<tr>
<td></td>
<td>samples not kept at 37c until separated</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Serial dilution</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
## Order Choice Information

**NAME:** COMPLEMENT TOTAL (CH50)  
**ABBREVIATION:** 86162  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 86162  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C3570 PLR (1), C3570A SRM FZN (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** CLOT PLR 1 hr BEFORE FREEZING SERUM.  
**ASTM/HL7/SDF 1:** 86162  
**CPL:** 3570  
**ZCPL:** 3570  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Specimen Collection:  
Serum separator tube  
  
Specimen Processing:  
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.  
  
**Volume**  
1 mL serum  
  
**Conditions for specimen transportation:**  
Critical frozen (CFZ)  
  
**Specimen Acceptability:**  
Unacceptable room temperature; unacceptable refrigerated; 1 month frozen  
  
**Specimen Rejection:**  
Room temperature samples  
refrigerated samples  
hemolysis  
heat-inactivated samples  
  
**Methodology:**  
Liposome immunoassay (lia)  
  
**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: CCP
ABBREVIATION: 86200
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86200
INSTRUMENT/LOC: BIOPLEX
TUBE/CONTAINER: SST GOLD (1)
TESTS: ANTI-CCP II (EIA), ANTI-CCP
ASTM/HL7/SDF 1: 86200
CPL: 5390
ZCPL: 5390
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None

Test includes: CCP

Specimen collection: Gold top (SST)

Specimen storage and preservation: After testing, 1 week refrigerated

Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated

Specimen processing: Centrifuge @ 3000 rpm for 10 minutes.

Specimen acceptability: Serum; Within 7 days if refrigerated

Specimen rejection: Samples received beyond specimen acceptability period

Freeze/Thaw: 1 cycle

Methodology: Multiplex Flow Immunoassay

Specimen referral: None
### Order Choice Information

**NAME:** DNASE B AB  
**ABBREVIATION:** 86215  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 86215  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 86215  
**CPL:** 4504  
**ZCPL:** 4504  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  

**Volume**  
0.4 mL serum  

**Conditions for specimen transportation:**  
Refrigerated  

**Specimen Acceptability:**  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  

**Specimen Rejection:**  
Gross hemolysis  
plasma samples  

**Methodology:**  
Nephelometry  

**Specimen Referral:**  
Clinical Pathology Laboratories
Order Choice Information

NAME: ANTI-Sm RNP
ABBREVIATION: 86235
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 86235
INSTRUMENT/LOC: BIOPLEX
TUBE CONTAINER: SST TIGER (1)
TESTS: ANTI-SM/RNP (EIA), ANTI-SmRNP
ASTM/HL7/SDF 1: 86235
CPL: 4285
ZCPL: 4285
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None

Test includes: Anti-SM/RNP

Specimen collection: Gold top (SST)

Specimen storage and preservation: After testing, 1 week refrigerated

Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated

Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.

Specimen acceptability: Store sera at 2-8°C; Freeze sera at -20°C if not tested within 24 hours.

Specimen rejection: Samples received beyond specimen acceptability period

Freeze/Thaw: 1 cycle

Methodology: Multiplex Flow Immunoassay

Specimen referral: None
<table>
<thead>
<tr>
<th>Name:</th>
<th>HEPATITIS A TOTAL reflex to IgM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviation:</td>
<td>86298</td>
</tr>
<tr>
<td>Specimen Type:</td>
<td>Serum</td>
</tr>
<tr>
<td>Storage Temp:</td>
<td>RM TEMP</td>
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<tr>
<td>CPT Code(s):</td>
<td>86298</td>
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<tr>
<td>Instrument/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>Tube/Container:</td>
<td>CPL SST GOLD (1)</td>
</tr>
<tr>
<td>Tests:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>86298</td>
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<tr>
<td>CPL:</td>
<td>2725</td>
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<td>ZCPL:</td>
<td>2725</td>
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<tr>
<td>Valid ICD-9 Codes:</td>
<td>No</td>
</tr>
<tr>
<td>Valid ICD-10 Codes:</td>
<td>No</td>
</tr>
<tr>
<td>Notes:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume 2 mL serum</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Refrigerated</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: 1 day room temperature; 1 week refrigerated</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: CA 19-9
ABBREVIATION: 86301
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 86301
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86301
CPL: 4976
ZCPL: 4976
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
Unacceptable room temperature; 2 days refrigerated; 1 month frozen

Methodology:
Chemiluminescence immunoassay Siemens Centaur automated method or other automated chemistry method

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: OV125 (CA125)
ABBREVIATION: 86304
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 86304
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: OV125
ASTM/HL7/SDF 1: 86304
CPL: 4824
ZCPL: 4824
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
**Order Choice Information**

- **NAME**: MONO SPOT
- **ABBREVIATION**: 86308
- **SPECIMEN TYPE**: Serum
- **STORAGE TEMP**: REFRIG
- **CPT CODE(S)**: 86308
- **INSTRUMENT/LOC**: SEROLOGY
- **TUBE/CONTAINER**: SERO SST (1)
- **TESTS**: Monospot, Monospot Internal Proc
- **ASTM/HL7/SDF**: 86308
- **CPL**: 3510
- **ZCPL**: 3510
- **VALID ICD-9 CODES**: No
- **VALID ICD-10 CODES**: No
- **NOTES**: Patient preparation: N/A

Specimen collection: SST Serum, or Red Top Tube

Specimen processing: Allow SST and Red top tubes to clot in an upright position at room temperature for at least 30 minutes, then centrifuge sample. Separate serum from red top tubes.

Specimen storage and preservation:
- Room Temperature (15 - 30°C) N/A
- Refrigerated (2 - 8°C) 48 hours
- Frozen (-20°C) 12 months

Conditions for specimen transportation: Refrigerated.

Specimen acceptability: Serum, SST Serum

Specimen rejection: Gross hemolysis; improper labeling

Freeze/Thaw: 1 cycle

Methodology: Qualitative immunoassay.

Specimen referral: N/A
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: IMMUNOFIX SERUM PROTEIN ELECTROPH(CPL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 86320</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 86320</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 86320</td>
</tr>
<tr>
<td>CPL: 9321</td>
</tr>
<tr>
<td>ZCPL: 9321</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>

### NOTES:
- Specimen Collection:
- Serum separator tube

### Specimen Processing:
- 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

### Volume
- 2 mL serum

### Conditions for specimen transportation:
- Refrigerated

### Specimen Acceptability:
- 1 week refrigerated; 1 month frozen

### Specimen Rejection:
- Hemolysis

### Methodology:
- Immunofixation

### Specimen Referral:
- Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: IMMUNOFIX URINE PROTEIN ELECTROPH (CPL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 86325</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Urine</td>
</tr>
<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 86325</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL ALQ (1), URINE ALQ 50ML (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 86325</td>
</tr>
<tr>
<td>CPL: 9323</td>
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<tr>
<td>ZCPL: 9323</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection: Urine collection container</td>
</tr>
</tbody>
</table>

Specimen Processing:
50 mL aliquot of 24 hr urine or first morning specimen.
Refrigerate.

Volume
50 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week refrigerated; 1 month frozen

Specimen Rejection:
Samples preserved with boric acid

Methodology:
Gel electrophoresis

Specimen Referral:
Clinical Pathology Laboratories
NAME: C1 ESTERASE INH FUNCT
ABBREVIATION: 86331
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 86331
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4821 PLR (1), C4821A SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86331
CPL: 4821
ZCPL: 4821
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate tube for
this test.

Volume
0.1 mL serum

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: 2 hours room temperature; unacceptable refrigerated; 2 weeks frozen

Specimen Rejection:
Room temperature samples
refrigerated samples

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: IMMUNOFIXATION, SERUM(CPL)</th>
</tr>
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<tbody>
<tr>
<td>ABBREVIATION: 86334</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 86334</td>
</tr>
<tr>
<td>CPL: 2744</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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</table>

**NOTES:**

Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

**Volume**
2 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
1 week refrigerated; 1 month frozen

**Specimen Rejection:**
Hemolysis

**Methodology:**
Immunofixation

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: INSULIN ANTIBODIES  
ABBREVIATION: 86337  
SPECIMEN TYPE: Serum  
STORAGE TEMP: CR FZN  
CPT CODE(S): 86337  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: C4576 PLR (1), C4576 SRM FZN (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 86337  
CPL: 4576  
ZCPL: 4576  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube.  
Freeze. When multiple tests are ordered, submit separate tube for this test.  
Volume  
0.1 mL serum  
Conditions for specimen transportation:  
Frozen  
Specimen Acceptability:  
After separation from cells: 1 day room temperature; 1 week refrigerated; 2 months frozen  
Specimen Rejection:  
Hemolysis  
lipemia  
icterus  
plasma  
Methodology:  
Radioimmunoassay (ria)  
Specimen Referral:  
Clinical Pathology Laboratories
<table>
<thead>
<tr>
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<tr>
<td><strong>ABBREVIATION:</strong></td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
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<td><strong>CPL:</strong></td>
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<td><strong>ZCPL:</strong></td>
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</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
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</table>

**NOTES:**
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

**Volume**
0.15 mL serum

**Conditions for specimen transportation:**
Frozen

**Specimen Acceptability:**
After separation from cells: 8 hours room temperature; 2 days refrigerated; 1 month frozen

**Specimen Rejection:**
Hemolysis
lipemia
room temperature samples

**Methodology:**
Enzyme-linked immunosorbent assay (ELISA)

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: RHEUMATOID FACTOR  
ABBREVIATION: 86430  
SPECIMEN TYPE: Serum  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 86430  
INSTRUMENT/LOC: BCI DXC 880i  
TUBE/CONTAINER: SST GOLD (1)  
TESTS: Rheumatoid Factor (WHO)  
ASTM/HL7/SDF 1: 86430  
CPL: 3505  
ZCPL: 3505  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Patient Preparation: Fasting specimen preferred  
Specimen Collection: SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation: Room Temperature (15 to 30°C) 2 hours; Refrigerated (2 to 8°C) 7 days; Frozen Aliquot (-20°C) 2 months  
Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 2 hours of collection. Refrigerated (2 to 8°C) if shipping after 2 hours of collection.  
Specimen Acceptability: SST - Serum  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Gross Lipemia, Improper Container or Labeling  
Methodology: Immunoturbidimetric  
Specimen Referral: None
Order Choice Information

NAME: QUANTIFERON TB GOLD
ABBREVIATION: 86480
SPECIMEN TYPE: BLOOD
STORAGE TEMP: CR RM TEMP
CPT CODE(S): 86480
INSTRUMENT/LOC: DS2
TUBE/CONTAINER: TUBE 1 (1), TUBE 2 (1), TUBE 3 (1)
TESTS: QuantiFERON TB GOLD, Interferon Gamma Results, Nil , TB-nil, Mit-Nil

INFORMATION: 1. COLLECT 1 ML BLOOD INTO EACH OF THE 3 SEPARATE QUANTIFERON COLLECTION TUBES. IF A "BUTTERFLY NEEDLE" IS BEING USED TO COLLECT THE SAMPLE, A "PURGE" TUBE SHOULD BE USED TO ENSURE THAT THE TUBING IS FILLED PRIOR TO THE QUANTIFERON TUBES BEING USED.

2. MIX THE TUBE BY SHAKING 10 TIMES JUST FIRMLY ENOUGH TO COAT THE ENTIRE INNER SURFACE OF THE TUBES.

ASTM/HL7/SDF 1: 86480
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None
Test includes: QuantiFERON – TB Gold (Repeat testing for Indeterminate or Positive results)

Specimen collection:
Collect 1 ml of blood into each of the 3 separate QuantiFERON collection tubes in the following order: 1.Grey top (NIL), 2.Red top (Antigen), 3. Purple top (Mitogen) such that the level of blood is close to the black indicator line.*Immediately after filling tubes, shake them ten times firmly enough to coat the entire inner surface of the tubes.
**If a butterfly needle is being used, a purge tube should be collected first to ensure that the tubing is filled with blood prior to the collection of the QuantiFERON tubes.

Specimen storage and preservation: After testing, 1 week refrigerated

Conditions for specimen transportation: Room temp. Do not refrigerate.

Specimen processing:
Tubes must be transferred to a 37°C incubator within 16 hrs of collection. Prior to incubation maintain the tubes at room temperature.*Re-mix tubes by inverting them ten times prior to incubation, if the blood is not incubated immediately.

Specimen acceptability: Within 16 hours of collection.
Specimen rejection:
Improper blood volume in any tube; Refrigerated samples; Samples not incubated within 16 hours of collection.

Freeze/Thaw: None
Methodology: ELISA

Specimen referral:
Positive specimens are reported to the Texas Department of State and Health Services
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>RPR W/REFLEX TITER TEST</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>86592</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>BIOPLEX</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
<td>RPR, Serology, RPR Titer, Reflex Titer, Reflex MHATP</td>
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<td>ASTM/HL7/SDF:</td>
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<td>ZCPL:</td>
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<td>VALID ICD-10 CODES:</td>
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<td>NOTES:</td>
<td>Patient preparation: None</td>
</tr>
<tr>
<td></td>
<td>Test includes: RPR (Rapid Plasma Reagin); Reflex to RPR Titer if RPR result is Reactive; Reflex to MHATP if RPR result if Non-Reactive and Syphilis IgG result is Reactive</td>
</tr>
<tr>
<td></td>
<td>Specimen collection: Gold top (SST)</td>
</tr>
<tr>
<td></td>
<td>Specimen storage and preservation: After testing, 1 week refrigerated</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated</td>
</tr>
<tr>
<td></td>
<td>Specimen processing: Centrifuge @ 3000 rpm for 10 minutes.</td>
</tr>
<tr>
<td></td>
<td>Specimen acceptability: Serum; Within 7 days if refrigerated</td>
</tr>
<tr>
<td></td>
<td>Specimen rejection: Samples received beyond specimen acceptability period</td>
</tr>
<tr>
<td></td>
<td>Freeze/Thaw: 1 cycle</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Manual; Non-treponemal Flocculation</td>
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<tr>
<td>Specimen referral:</td>
<td>Referred to CPL for MHATP confirmatory testing if RPR result is Non-Reactive and Syphilis IgG result is Reactive</td>
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</table>
**NAME:**  RPR TITER (QUANT)
**ABBREVIATION:**  86593
**SPECIMEN TYPE:**  Serum
**STORAGE TEMP:**  REFRIG
**CPT CODE(S):**  86593
**INSTRUMENT/LOC:**  MANUAL
**TUBE/CONTAINER:**  SST GOLD (1)
**TESTS:**  RPR, Serology, RPR Titer, Reflex Titer
**ASTM/HL7/SDF 1:**  86593
**CPL:**  3502
**ZCPL:**  3502
**VALID ICD-9 CODES:**  Yes
**VALID ICD-10 CODES:**  No
**NOTES:**  Patient preparation:
None

**Test includes:**
RPR (Rapid Plasma Reagin) Titer

**Specimen collection:**
Gold top (SST)

**Specimen storage and preservation:**
After testing, 1 week refrigerated

**Conditions for specimen transportation:**
Room temperature up to 8 hours; Refrigerated

**Specimen processing:**
Centrifuge @ 3000 rpm for 10 minutes

**Specimen acceptability:**
Serum; Within 7 days if refrigerated

**Specimen rejection:**
Samples received beyond specimen acceptability period

**Freeze/Thaw:**
1 cycle

**Methodology:**
Manual, Non-treponemal Flocculation

**Specimen referral:**
None
NAME: BLASTOMYCES AB  
ABBREVIATION: 86612  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 86612  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 86612  
CPL: 4638  
ZCPL: 4638  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
Volume  
0.1 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  
Specimen Rejection:  
Body fluid samples  
avoid repeated freeze/thaw cycles  
Methodology:  
Immunodiffusion  
Specimen Referral:  
Clinical Pathology Laboratories
NAME: LYME CONFIRM WESTERN BLT IGG  
ABBREVIATION: 86617  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 86617  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 86617  
CPL: 4290  
ZCPL: 4290  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES: Specimen Collection: 
Serum separator tube  
Specimen Processing: 
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
Volume 
0.5 mL serum  
Conditions for specimen transportation: 
Refrigerated  
Specimen Acceptability: 
2 days room temperature; 7 days refrigerated; 3 months frozen  
Methodology: 
Immunoblot  
Specimen Referral: 
Clinical Pathology Laboratories
NAME: LYME DISEASE TOTAL AB
ABBREVIATION: 86618
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86618
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86618
CPL: 3605
ZCPL: 3605
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
10 days refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
lipemia

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>Name: CANDIDA AB</th>
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<tbody>
<tr>
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<tr>
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<td>CPL: 4524</td>
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<td>Notes:</td>
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<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
</tr>
</tbody>
</table>

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Body fluid
Avoid repeated freeze/thaw cycles

Methodology:
Immunodiffusion

Specimen Referral:
Clinical Pathology Laboratories
NAME: COCCIDIOIDES IGG AB  
ABBREVIATION: 86635  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 86635  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 86635  
CPL: 4530  
ZCPL: 4530  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
Volume  
0.2 mL serum or CSF  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
2 days room temperature; 2 weeks refrigerated; 1 year frozen  
Specimen Rejection:  
Hemolysis  
bloody CSF samples  
avoid repeated freeze/thaw cycles  
Methodology:  
Immunodiffusion (id)  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: Q FEVER IGG AB
ABBREVIATION: 86638
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86638
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86638
CPL: 5764
ZCPL: 5764
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to
clot in an upright position for at least 60 minutes, then
centrifuge sample and transfer serum to a plastic transport
tube within 2 hours of collection. Refrigerate.

Volume
0.6 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated; 1 week frozen

Specimen Rejection:
Hemolysis
gross lipemia

Methodology:
Indirect immunofluorescence

Specimen Referral:
Clinical Pathology Laboratories
NAME: CMV ANTIBODY IGG
ABBREVIATION: 86644
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 86644
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86644
CPL: 4544
ZCPL: 4544
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Specimen Rejection:
Gross hemolysis
gross lipemia
gross icterus

Methodology:
Chemiluminescence immunoassay

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
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<td><strong>ABBREVIATION:</strong></td>
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<td><strong>TESTS:</strong></td>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
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</tbody>
</table>

**NOTES:**
- **Specimen Collection:**
  - Serum separator tube

- **Specimen Processing:**
  - 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

- **Volume**
  - 1 mL serum

- **Conditions for specimen transportation:**
  - Refrigerated

- **Specimen Acceptability:**
  - 1 day room temperature; 1 week refrigerated; 1 month frozen

- **Specimen Rejection:**
  - Gross hemolysis
  - Gross lipemia
  - Gross icterus

- **Methodology:**
  - Chemiluminescence immunoassay

- **Specimen Referral:**
  - Clinical Pathology Laboratories
NAME: DIPHTHERIA IGG
ABBREVIATION: 86648
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 86317
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SRM FZN (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE
ASTM/HL7/SDF 1: 86648
CPL: 4547
ZCPL: 4547
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Clearly label sample as pre or post immunization. Post sample should be collected 30 days following immunization. Refrigerate.

Volume
0.2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Plasma
body fluid
avoid repeated freeze/thaw cycles

Methodology:
Multiplex bead assay

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: EASTERN EQUINE ENCEPHALITIS
ABBREVIATION: 86652
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 86652
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86652
CPL: WILD 600
ZCPL: WILD 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NAME: AC ECHOVIRUS ANTIBODIES
ABBREVIATION: 86658
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86658
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: Mark sample and req with acute or convalescent status.
ASTM/HL7/SDF 1: 86658
CPL: 4548
ZCPL: 4548
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
3 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Plasma

Methodology:
Serum neutralization assay

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: EPSTEIN-BARR EARLY AG IGG</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 86663</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 86663</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: EVOLI GOLD (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF: 86663</td>
</tr>
<tr>
<td>CPL: 4493</td>
</tr>
<tr>
<td>ZCPL: 4493</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td>Volume: 0.4 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation: Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability: 2 days refrigerated; 1 week frozen</td>
</tr>
<tr>
<td>Specimen Rejection: Hemolysis lipemia</td>
</tr>
<tr>
<td>Methodology: Clia competitive chemiluminescence</td>
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<tr>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
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NAME: EPSTEIN BARR NUCLEAR AG IGG
ABBREVIATION: 86664
SPECIMEN TYPE: Serum
STORAGE TEMP: RT TEMP
CPT CODE(S): 86664
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: EVOLI GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86664
CPL: 4494
ZCPL: 4494
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.4 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days refrigerated; 1 week frozen

Specimen Rejection:
Hemolysis
Lipemia

Methodology:
Clia competitive chemiluminescence

Specimen Referral:
Clinical Pathology Laboratories
NAME: EPSTEIN BARR CAPSID IGM
ABBREVIATION: 86665
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 86665
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: EVOLI GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86665
CPL: 4495
ZCPL: 4495
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
0.4 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Specimen Rejection:
Hemolysis
lipemia

Methodology:
Clia competitive chemiluminescence

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

- **NAME:** TULAREMIA ANTIBODY  
- **ABBREVIATION:** 86668  
- **SPECIMEN TYPE:** Serum  
- **STORAGE TEMP:** REFRIG  
- **CPT CODE(S):** 86668  
- **INSTRUMENT/LOC:** CPL  
- **TUBE/CONTAINER:** CPL SST GOLD (1)  
- **TESTS:** No tests in this specimen  
- **INFORMATION:** PT SHOULD BE FASTING.  
- **ASTM/HL7/SDF 1:** 86668  
- **CPL:** 4662  
- **ZCPL:** 4662  
- **VALID ICD-9 CODES:** Yes  
- **VALID ICD-10 CODES:** No  
- **NOTES:**  
  - Specimen Collection: Serum separator tube  
  - Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
  - Volume 0.2 mL serum  
  - Conditions for specimen transportation: Refrigerated  
  - Specimen Acceptability: After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  
  - Specimen Rejection: Contaminated samples heat-inactivated samples turbid samples  
  - Methodology: Enzyme-linked immunosorbent assay (ELISA)  
  - Specimen Referral: Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: GIARDIA LAMBLIA IGG,IGM,IGA</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION:  86674</td>
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<td>INSTRUMENT/LOC: CPL</td>
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<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1:  86674</td>
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<td>CPL: 4347</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
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<tr>
<td>Serum separator tube</td>
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</tbody>
</table>

**Specimen Processing:**

2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

**Volume**

0.5 mL serum

**Conditions for specimen transportation:**

Refrigerated

**Specimen Acceptability:**

1 week room temperature; 2 months refrigerated; indefinitely frozen

**Methodology:**

Enzyme immunoassay (eia)

**Specimen Referral:**

Clinical Pathology Laboratories
Order Choice Information

NAME: SCHISTOSOMIASIS AB
ABBREVIATION: 86682
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86682
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86682
CPL: 4653
ZCPL: 4653
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
icterus
contaminated samples
heat-inactivated samples
turbid samples

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** HTLV I/II W/RFLX TO WESTERN BLOT  
**ABBREVIATION:** 86688  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 86790  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SERUM ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 86688  
**CPL:** 4790  
**ZCPL:** 4790  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Note: this assay should not be used for blood donor screening, associated re-entry protocols, or for screening human cell, tissues, cellular and tissue-based products (hct/p). When multiple tests are ordered, submit separate tube for this test.  
**Volume**  
1 mL serum  
**Conditions for specimen transportation:**  
Frozen  
**Specimen Acceptability:**  
After separation from cells: unacceptable room  
**Specimen Rejection:**  
Hemolysis  
**Methodology:**  
Enzyme-linked immunosorbent assay (ELISA)  
**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

<table>
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<tbody>
<tr>
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<tr>
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<tr>
<td>Storage Temp: REFRIG</td>
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<tr>
<td>Tube/Container: CPL SERUM ALQ (1), CPL SST GOLD (1)</td>
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<tr>
<td>Tests: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 86689</td>
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<tr>
<td>CPL: 4624</td>
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<tr>
<td>ZCPL: 4624</td>
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<tr>
<td>VALID ICD-9 CODES: Yes</td>
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<tr>
<td>VALID ICD-10 CODES: Yes</td>
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</table>

**NOTES:**

Specimen Collection: SST

Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Medicaid steps samples must be sent to TDH laboratory.

Volume: 0.5 mL serum

Conditions for specimen transportation: Refrigerated

Specimen Acceptability: After separation from cells: 1 week room temperature; 1 week refrigerated; indefinite frozen

Specimen Rejection: Hemolysis, Lipemia, avoid repeated freeze/thaw cycles

Methodology: Western blot

Specimen Referral: Clinical Pathology Laboratories
ORDER CHOICE INFORMATION

NAME: HEPATITIS DELTA AB
ABBREVIATION: 86692
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 86692
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)
TESTS: No tests in this specimen
INFORMATION: specimen requirements and storage changed 1.19.10 jkl
ASTM/HL7/SDF 1: 86692
CPL: 4645
ZCPL: 4645
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: unacceptable room temperature; 5 days refrigerated; indefinite frozen

Specimen Rejection:
Hemolysis
lipemia
room temperature samples
samples that contain visible particulate matter
contaminated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme immunoassay (eia)

Specimen Referral:
Clinical Pathology Laboratories
NAME: HERPES SIMPLEX 1&2 IGG
ABBREVIATION: 86695
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86695, 86696
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86695
CPL: 4592
QUEST: 6447
LABCORP: 164905
ZCPL: 4592
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
2 mL

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 7 days refrigerated;

Specimen Rejection:
Gross hemolysis

Methodology:
Chemiluminescent immunoassay

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** HERPESELECT HSV 2 IGG AB  
**ABBREVIATION:** 86696  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 86696  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 86696  
**CPL:** 5342  
**ZCPL:** 5342  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.  
Volume  
0.5 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
2 days room temperature; 7 days refrigerated; indefinite frozen (allow no more than 5 freeze/thaw cycles)  
Specimen Rejection:  
Gross hemolysis  
gross lipemia  
heat-inactivated samples  
samples with microbial contamination  
samples with particulate matter  
Methodology:  
Chemiluminescent immunoassay  
Specimen Referral:  
Clinical Pathology Laboratories
### Order Choice Information

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<thead>
<tr>
<th>NAME:</th>
<th>HISTOPLASMA AB SERUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>86698</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
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<td>CPT CODE(S):</td>
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<td>CPL</td>
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<td>TUBE/CONTAINER:</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>CPL:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
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<td>NOTES:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Serum separator tube</td>
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<tr>
<td></td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume</td>
</tr>
<tr>
<td></td>
<td>0.1 mL serum</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td></td>
<td>Refrigerated</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td></td>
<td>After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td></td>
<td>Body fluid samples</td>
</tr>
<tr>
<td></td>
<td>avoid repeated freeze/thaw cycles</td>
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<tr>
<td></td>
<td>Methodology:</td>
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<td>Immunodiffusion (id)</td>
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<td>Specimen Referral:</td>
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<tr>
<td></td>
<td>Clinical Pathology Laboratories</td>
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</table>
Order Choice Information

NAME: HIV-1 AND 2 ANTIBODIES
ABBREVIATION: 86703
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 87389
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: EVOLI GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86703
CPL: 3540
ZCPL: 3540
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.
Note: this test should not be used for individuals less than 2 years of age. Use hiv 3rd generation assay (CPL code 3526).
Medicaid thstpecimens must be sent to TDH laboratory.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days room temperature; 1 week refrigerated; indefinite frozen (no more than 5 freeze/thaw cycles)

Specimen Rejection:
Gross hemolysis
samples with obvious microbial contamination
heat-inactivated samples
pooled samples

Methodology:
Chemiluminescent microparticle assay note: the performance of this assay has not been established for individuals younger than 2 years of age.

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>HEPATITIS B CORE TOTAL</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<tr>
<td>STORAGE TEMP:</td>
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<td>CPT CODE(S):</td>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SST GOLD (1)</td>
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<td>TESTS:</td>
<td>No tests in this specimen</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
</tbody>
</table>

**Specimen Processing:**
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

**Volume**
0.5 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
3 days room temperature; 7 days refrigerated; >7 days frozen

**Specimen Rejection:**
Gross hemolysis
pooled samples
heat-inactivated samples
samples with obvious microbial contamination

**Methodology:**
Chemiluminescent microparticle immunoassay (CMIA) or other automated method

**Specimen Referral:**
Clinical Pathology Laboratories
## NAME: HEPATITIS B CORE IGM
## ABBREVIATION: 86705
## SPECIMEN TYPE: Serum
## STORAGE TEMP: RM TEMP
## CPT CODE(S): 86705
## INSTRUMENT/LOC: EVOLIS
## TUBE/CONTAINER: EVOLI GOLD (1)
## TESTS: Hepatitis B core IGM AB, U-Hepatitis B core IGM AB
## ASTM/HL7/SDF 1: 86705
## CPL: 4644
## ZCPL: 4644
## VALID ICD-9 CODES: No
## VALID ICD-10 CODES: No

### NOTES:
- Patient preparation:
  - None
- Test includes:
  - Hepatitis B Core IgM Antibody
- Specimen collection:
  - Serum – Gold top (SST)
- Specimen storage and preservation:
  - After testing, refrigerated 1 week
- Conditions for specimen transportation:
  - Room temp up to 8 hours; Refrigerated up to 7 days
- Specimen processing:
  - Centrifuge @ 3000 rpm for 10 min, refrigerate sample if not transfer to the lab within 8 hours
- Specimen acceptability:
  - Serum
- Specimen rejection:
  - Samples that are left at room temperature over 8 hours or kept refrigerated longer than 7 days.
- Freeze/Thaw:
  - 5 Cycles
- Methodology:
  - Enzyme Immunoassay (EIA)
- Specimen referral:
  - None
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>HEPATITIS B SURFACE AB</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>86706</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>Serum</td>
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<tr>
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<td><strong>INSTRUMENT/LOC:</strong></td>
<td>EVOLIS</td>
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<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
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<tr>
<td><strong>TESTS:</strong></td>
<td>Hepatitis B surface AB, U-Hepatitis B surface AB</td>
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<td>86706</td>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
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</tbody>
</table>

**NOTES:**
- Patient preparation:
  - None

**Test includes:**
- Hepatitis B Surface Antibody

**Specimen collection:**
- Serum – Gold top (SST)

**Specimen storage and preservation:**
- After testing, refrigerated 1 week

**Conditions for specimen transportation:**
- Room temp up to 8 hours; Refrigerated up to 7 days

**Specimen processing:**
- Centrifuge @ 3000 rpm for 10 min, refrigerate sample if not transfer to the lab within 8 hours

**Specimen acceptability:**
- Serum

**Specimen rejection:**
- Samples that are left at room temperature over 8 hours or kept refrigerated longer than 7 days

**Freeze/Thaw:**
- 5 Cycles

**Methodology:**
- Enzyme Immunoassay (EIA)

**Specimen referral:**
- None
NAME: HEPATITIS BE AB
ABBREVIATION: 86707
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 86707
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C2733 PLR (1), C2733A SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86707
CPL: 2733
ZCPL: 2733
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 6 days refrigerated; indefinite frozen

Methodology:
Enzyme linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
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<th>Name:</th>
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<td>Storage Temp:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT Code(s):</td>
<td>86708</td>
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<tr>
<td>Instrument/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>Tube/Container:</td>
<td>CPL SST GOLD (1)</td>
</tr>
<tr>
<td>Tests:</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>86708</td>
</tr>
<tr>
<td>CPL:</td>
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<tr>
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<td>Valid ICD-9 Codes:</td>
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<td>Valid ICD-10 Codes:</td>
<td>No</td>
</tr>
<tr>
<td>Notes:</td>
<td></td>
</tr>
<tr>
<td>Specimen Collection:</td>
<td></td>
</tr>
<tr>
<td>Serum separator tube</td>
<td></td>
</tr>
</tbody>
</table>

**Specimen Processing:**

2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

**Volume:**

0.75 mL serum

**Conditions for specimen transporation:**

Refrigerated

**Specimen Acceptability:**

1 day room temperature; 1 week refrigerated; 1 year frozen

**Methodology:**

Advia Centaur immunoassay

**Specimen Referral:**

Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>HEPATITIS A IGM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>86709</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>Serum</td>
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<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>RM TEMP</td>
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<td><strong>CPT CODE(S):</strong></td>
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<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
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<tr>
<td><strong>TESTS:</strong></td>
<td>Hepatitis A IgM AB, U-Hepatitis A IgM AB</td>
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<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>86709</td>
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<tr>
<td><strong>CPL:</strong></td>
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<td><strong>VALID ICD9 CODES:</strong></td>
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<td><strong>NOTES:</strong></td>
<td>Patient preparation: None</td>
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<td></td>
<td>Test includes: Hepatitis A IgM</td>
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<tr>
<td></td>
<td>Specimen collection: Serum – Gold top (SST)</td>
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<tr>
<td></td>
<td>Specimen storage and preservation: After testing, refrigerated 1 week</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Room temp up to 8 hours; Refrigerated up to 7 days</td>
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<tr>
<td></td>
<td>Specimen processing: Centrifuge @ 3000 rpm for 10 min, refrigerate sample if not transfer to the lab within 8 hours</td>
</tr>
<tr>
<td></td>
<td>Specimen acceptability: Serum</td>
</tr>
<tr>
<td></td>
<td>Specimen rejection: Samples that are left at room tempurature over 8 hours or kept refrigerated longer than 7 days</td>
</tr>
<tr>
<td></td>
<td>Freeze/Thaw: 5 Cycles</td>
</tr>
<tr>
<td></td>
<td>Methodology: Enzyme Immunoassay (EIA)</td>
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<tr>
<td></td>
<td>Specimen referral: None</td>
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</table>
NAME: AC LEGIONELLA IGG/IGM
ABBREVIATION: 86713
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86713
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86713
CPL: 4577
ZCPL: 4577
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection
Hemolysis

Methodology:
Indirect fluorescent antibody (IFA)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>LEPTOSPIROSIS AB IGG</th>
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<tr>
<td><strong>ABBREVIATION:</strong></td>
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<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
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<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>CPL SST GOLD (1)</td>
</tr>
<tr>
<td><strong>TESTS:</strong></td>
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<td><strong>ASTM/HL7/SDF 1:</strong></td>
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<td><strong>ZCPL:</strong></td>
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<td><strong>VALID ICD-9 CODES:</strong></td>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
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</tbody>
</table>

**NOTES:**

Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.05 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection
Avoid repeated freeze/thaw cycles

Methodology:
Indirect hemagglutination

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: MUMPS IGG</th>
<th>ABBREVIATION: 86735</th>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>CPT CODE(S): 86735</td>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
<td>TESTS: No tests in this specimen</td>
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<td>CPL: 4585</td>
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<td>ZCPL: 4585</td>
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<td>VALID ICD-10 CODES: No</td>
<td>NOTES: Specimen Collection:</td>
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<tr>
<td></td>
<td>Serum separator tube</td>
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<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.5 mL serum</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
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<tr>
<td>Specimen Acceptability:</td>
<td>9 days refrigerated; indefinite frozen allow no more than 6 freeze/thaw cycles</td>
</tr>
<tr>
<td>Specimen Rejection</td>
<td>Gross hemolysis</td>
</tr>
<tr>
<td>gross lipemia</td>
<td>gross icterus</td>
</tr>
<tr>
<td>samples with bacterial contamination</td>
<td>heat-inactivated samples</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Chemiluminescent immunoassay (clia)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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## Order Choice Information

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<tr>
<td>ABBREVIATION: 86747</td>
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<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: REFRIG</td>
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<td>CPT CODE(S): 86747</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>INFORMATION: LABEL ACUTE OR CONVALESCENT.</td>
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<td>ASTM/HL7/SDF 1: 86747</td>
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<tr>
<td>CPL: 4595</td>
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<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>1.0 mL serum</td>
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<tr>
<td>Conditions for specimen transportation:</td>
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<tr>
<td>Refrigerated</td>
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<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>2 days room temperature; 3 days refrigerated; 1 year frozen</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Enzyme immunoassay (eia)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: ROTAVIRUS, STOOL
ABBREVIATION: 86759
SPECIMEN TYPE: STOOL
STORAGE TEMP: CR FZN
CPT CODE(S): 87425
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CUP (1)
TESTS: No tests in this specimen
INFORMATION: 5 ML WATERY OR MARBLE SIZE FORMED STOOL. IF TESTING WILL NOT BE PERFORMED WITHIN 3 DAYS, FREEZE.
ASTM/HL7/SDF 1: 86759
CPL: 6145
ZCPL: 6145
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:

Specimen Collection:
Stool collection container

Specimen Processing:
Submit a minimum of one gram (marble-sized) formed stool or 5 mL watery stool in a leak-proof specimen container.
Refrigerate. If sample cannot be delivered to the lab within 72 hours, freeze.

Volume
Single swab

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
Unacceptable room temperature; 3 days refrigerated; 1 week frozen specimens that cannot be tested within 72 hours of collection should be stored at -20 degrees c until tested. Only 1 freeze/thaw cycle is allowed.

Specimen Rejection:
Preserved samples
bacterial swab in media
10% formalin
sodium acetate formalin (saf)
pva o&p samples
cary-blair media or stool c&s media
specimens in tissue a
paper or diapers
specimens submitted in expired collection devices
specimens submitted past stability

Methodology:
Meridian enzyme immunoassay (eia)

Specimen Referral:
Clinical Pathology Laboratories
NAME: TETANUS IGG
ABBREVIATION: 86774
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 86317
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SRM FZN (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE
ASTM/HL7/SDF 1: 86774
CPL: 4656
ZCPL: 4656
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Clearly label sample as pre or post immunization. Post sample should be collected 30 days following immunization. Refrigerate.

Volume
0.2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
contaminated samples
plasma or body fluid samples
avoid repeated freeze/thaw cycles

Methodology:
Multiplex bead assay

Specimen Referral:
Clinical Pathology Laboratories
**Name:** TOXOPLASMA IGG  
**Abbreviation:** 86777  
**Specimen Type:** Serum  
**Storage Temp:** REFRIG  
**CPT Code(s):** 86777  
**Instrument/LOC:** CPL  
**Tube/Container:** CPL SST GOLD (1)  
**Tests:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 86777  
**CPL:** 4659  
**ZCPL:** 4659  
**Valid ICD-9 Codes:** No  
**Valid ICD-10 Codes:** No  
**Notes:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.  
Volume:  
0.5 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
3 days refrigerated; 6 months frozen  
Methodology:  
Chemiluminescent immunoassay  
Specimen Referral:  
Clinical Pathology Laboratories
NAME: TOXOPLASMA IGM
ABBREVIATION: 86778
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86778
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86778
CPL: 4658
ZCPL: 4658
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days refrigerated; 6 months frozen

Specimen Rejection:
Hemolysis
contaminated samples
heat-inactivated samples
urine samples
avoid repeated freeze/thaw cycles

Methodology:
Chemiluminescent immunoassay

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>SCREEN SYPHILIS W/RFLX RPR</th>
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<tbody>
<tr>
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<td>Serum</td>
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<td>STORAGE TEMP:</td>
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<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>BIOPLEX</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
<td>SYPHILIS IgG, Reflex to RPR Serology</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
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<td>CPL:</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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</tbody>
</table>

**NOTES:**

Patient preparation: None

Test includes:
- Treponema pallidum IgG antibodies
- Reflex to RPR if result is Reactive

Specimen collection:
- Gold top (SST)

Specimen storage and preservation:
- After testing, 1 week refrigerated

Conditions for specimen transportation:
- Room temperature up to 8 hours; Refrigerated

Specimen processing:
- Centrifuge @ 3000 rpm for 10 minutes.

Specimen acceptability:
- Serum; Within 7 days if refrigerated

Specimen rejection:
- Samples received beyond specimen acceptability period

Freeze/Thaw:
- 1 cycle

Methodology:
- Multiplex Flow Immunoassay

Specimen referral:
- Reactive specimens are reported to the Texas Department of State and Health Services
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>MHATP (T. PALLIDUM)</th>
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<tbody>
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<tr>
<td>SPECIMEN TYPE:</td>
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<td>TESTS:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
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<tr>
<td></td>
<td>Specimen Processing: 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume 0.1 mL serum</td>
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<td>Conditions for specimen transportation: Refrigerated</td>
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<tr>
<td></td>
<td>Specimen Acceptability: After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: CSF body fluid avoid repeated freeze/thaw cycles</td>
</tr>
<tr>
<td></td>
<td>Methodology: Semi-quantitative particle agglutination</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
NAME: TRICHINELLA ANTIBODIES
ABBREVIATION: 86784
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86784
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86784
CPL: 4660
ZCPL: 4660
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: THYROGLOBULIN AB
ABBREVIATION: 86800
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86800
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: ALQ1 (1), SST GOLD (1)
TESTS: Thyroglobulin Antibody
INFORMATION: Within two hours after centrifugation, transfer cell-free serum to an aliquot tube.
Tightly stopper the tube immediately.
ASTM/HL7/SDF 1: 86800
CPL: 4516
ZCPL: 4516
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: SST Serum

Specimen Processing: Centrifuge @ 3000 rpm for 10 minutes.
Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
If testing not done within 2 hours, transfer into aliquot tube.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation: Aliquot within 2 hours for transportation.
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - Serum only

Freeze Thaw Cycle: 2 cycle

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
**NAME:** HEPATITIS C AB  
**ABBREVIATION:** 86803  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 86803  
**INSTRUMENT/LOC:** EVOLIS  
**TUBE/CONTAINER:** EVOLI GOLD (1)  
**TESTS:** Hepatitis C AB, UHepatitis C AB  
**ASTM/HL7/SDF 1:** 86803  
**CPL:** 4675  
**ZCPL:** 4675  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient preparation:  
None  
Test includes:  
Hepatitis C Antibody; Repeat testing if Reactive  
Specimen collection:  
Serum – Gold top (SST)  
Specimen storage and preservation:  
After testing, refrigerated 1 week  
Conditions for specimen transportation:  
Room temp up to 8 hours; Refrigerated up to 7 days  
Specimen processing:  
Centrifuge @ 3000 rpm for 10 min, refrigerate sample if not transfer to the lab within 8 hours  
Specimen acceptability:  
Serum  
Specimen rejection:  
Samples that are left at room tempature over 8 hours or kept refrigerated longer than 7 days  
Freeze/Thaw:  
5 Cycles  
Methodology:  
Enzyme Immunoassay (EIA)  
Specimen referral:  
Reactive Hepatitis C is reported to the Texas Department of State and Health services
### Order Choice Information

**NAME:** HLA B27 ANTIGEN  
**ABBREVIATION:** 86812  
**SPECIMEN TYPE:** NAHEP WB  
**STORAGE TEMP:** CR RM TEMP  
**CPT CODE(S):** 86812  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL NAHEP DK GRN (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** SUBMIT MONDAY - THURSDAY ONLY!  
**SODIUM HEPARIN (GREEN TOP) TUBE DO NOT USE LITHIUM HEPARIN TUBE**  
**ASTM/HL7/SDF 1:** 86812*  
**CPL:** 4864  
**ZCPL:** 4864  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** Yes

---

**NAME:** ANTIBODY ID; RBC EACH  
**ABBREVIATION:** 86870  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 86870  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV1 (1), CPL LAV2 (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 86870  
**CPL:** 3811  
**LABCORP:** 006213  
**ZCPL:** 3811  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
Order Choice Information

NAME: COOMBS DIRECT
ABBREVIATION: 86880
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 86880
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86880
CPL: 3820
LABCORP: 006270
ZCPL: 3820
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
7 mL EDTA whole blood. Room temperature.

Volume
3 mL whole blood

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
2 days room temperature; 1 week refrigerated

Specimen Rejection:
Will reject due to freezing
will reject if sample submitted in serum separator tube.
Will reject due to hemolysis

Methodology:
Automated immunohematology or manual tube method

Specimen Referral:
Clinical Pathology Laboratories
NAME: RBC ANTIBODY TITER
ABBREVIATION: 86886
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 86886
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C3812 LAV1 (1), C3812 LAV2 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 86886
CPL: 3812
LABCORP: 006213
ZCPL: 3812
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
10 mL EDTA whole blood. Room temperature.

Volume
5 mL whole blood

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
2 days room temperature

Specimen Rejection:
Hemolysis
samples submitted in serum separator tubes

Methodology:
Manual tube agglutination

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: SUCROSE HEMOLYSIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 86941</td>
</tr>
<tr>
<td>SPECIMEN TYPE: WB</td>
</tr>
<tr>
<td>STORAGE TEMP: RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S): 86941</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL LT BLUE (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 86941</td>
</tr>
<tr>
<td>CPL: 1305</td>
</tr>
<tr>
<td>ZCPL: 1305</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
  Completely filled citrate (light blue top) tube

- Specimen Processing:
  5 mL citrate whole blood. Critical room temperature (CRT).
  Test to be ordered by austin clients only and must be ordered as STAT.

**Volume**

2.5 mL whole blood

**Conditions for specimen transportation:**

Critical room temperature

**Specimen Acceptability:**

4 hours room temperature; unacceptable refrigerated; unacceptable frozen

**Specimen Rejection:**

- Hemolysis
- frozen samples
- clotted samples
- samples submitted in inappropriate anticoagulant
- incompletely filled tubes

**Methodology:**

Sucrose hemolysis

**Specimen Referral:**

Clinical Pathology Laboratories
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CULTURE BLOOD x1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>87040</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>WB</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>CPT CODE(S):</td>
<td>87040</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL BLCX 1 (2)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>If more than 1 set is ordered, collect sets 30 minutes apart.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>87040</td>
</tr>
<tr>
<td>CPL:</td>
<td>6013</td>
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<td>ZCPL:</td>
<td>6013</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES: Specimen Collection:</td>
<td>Blood culture bottles</td>
</tr>
</tbody>
</table>

Specimen Processing:
20 mL whole blood aseptically collected. Split between aerobic and anaerobic bottles. Room temperature.

Volume
1 mL for children

Conditions for specimen transportation:
Room temperature

Specimen Rejection:
Will reject samples with no visible blood in bottles, cracked bottles, frozen specimens, swabs or samples not collected in blood culture bottles or sps tubes.

Methodology:
Automated blood culture system Positive results are reported as soon as recognized. Negative reports will be issued at 2 days and 5 days. Negative reports for manually read samples issued at 1 week.

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: CULTURE STOOL</th>
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<tbody>
<tr>
<td>ABBREVIATION: 87045</td>
</tr>
<tr>
<td>SPECIMEN TYPE: STOOL</td>
</tr>
<tr>
<td>STORAGE TEMP: RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S): 87045</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL STL CX (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 87045</td>
</tr>
<tr>
<td>CPL: 6042</td>
</tr>
<tr>
<td>ZCPL: 6042</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Fecal transport container</td>
</tr>
<tr>
<td>Specimen Processing: Fresh stool in fecal transport vial (cary blair with indicator). Refrigerate. Note: no more than two bacteriology specimens are recommended. Two specimens should be submitted in separate days to increase the probability of recovering pathogens. Two separate specimens will pick up 99% of bacterial pathogens. If vibrio or yersinia is suspected, codes specific for those tests should be ordered.</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability: 2 days in stool culture preservative;</td>
</tr>
<tr>
<td>Specimen Rejection: Contamination on outside of container</td>
</tr>
<tr>
<td>Methodology: Standard culture procedures</td>
</tr>
<tr>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME: CULTURE CAMPYLOBACTER</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION: 87046</td>
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<tr>
<td>SPECIMEN TYPE: STOOL</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 87046</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL STL CX (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 87046</td>
</tr>
<tr>
<td>CPL: 6019</td>
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<tr>
<td>ZCPL: 6019</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Fecal transport container</td>
</tr>
</tbody>
</table>

**Specimen Processing:**
Fresh stool in fecal transport vial (cary blair with indicator). Refrigerate.  
Note: no more than two bacteriology specimens are recommended. Two specimens should be submitted on separate days to increase the probability of recovering pathogens. Two separate specimens will pick up 99% of bacterial pathogens. Do not order this test simultaneously with stool culture, which includes campylobacter screen.

**Volume**
Culture swab in transport media

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
2 days in stool culture preservative <24 hours for refrigerated, fresh stool

**Specimen Rejection:**
Will reject due to contamination on outside of container, samples submitted in a diaper or tissue paper, dry swabs, frozen specimens, specimens submitted in fixative (formalin), expired transport media, swabs not submitted in transport media, viral transport media, stool transport exhibiting yellow colored solution (beyond buffering capacity)

**Methodology:**
Standard culture methods employing selective culture media and incubation conditions for isolation of this organism.

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: CULTURE SPUTUM
ABBREVIATION: 87070
SPECIMEN TYPE: SPUTUM
STORAGE TEMP: RM TEMP
CPT CODE(S): 87070
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CUP (1)
TESTS: No tests in this specimen
INFORMATION: 2 ML SPUTUM. FIRST MORNING OR INDUCED SPECIMEN PREFERRED.
ASTM/HL7/SDF 1: 87070
CPL: 6040
ZCPL: 6040
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Collection:
Sterile collection container
Specimen Processing:
2 mL sputum. First morning or induced specimen preferred.
Room temperature. Note: gram stains that show >10 epis/lpf
will not be cultured. Specimen assessment indicates
oropharyngeal contamination. The specimen is not
representative of lower respiratory tract and the culture
results will be invalid. The culture is not performed;
charges will be deleted as applicable. Specimen will be
retained for 2 days.
Volume
1 mL sputum
Transport Temperature
Room temperature
Specimen Acceptability:
1 day room temperature
Specimen Rejection:
Will reject contaminated samples, specimens submitted
more than 1 day following collection, samples submitted
in tissue paper, dry swabs or culturette swabs, non-sterile
or leaking containers, samples submitted in fixative
(formalin), viral transport media
will reject frozen samples
Methodology:
Standard culture methodology
Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CULTURE ANAEROBIC
ABBREVIATION: 87075
SPECIMEN TYPE: SWAB
STORAGE TEMP: RM TEMP
CPT CODE(S): 87075
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CX (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 87075
CPL: 6010
ZCPL: 6010
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Anaerobic transport media

Specimen Processing:
Swabs inoculated with infected material immersed in gel transport media. Room temperature.

Volume
Single swab in transport media

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
Tissue or body fluid: 1 day room temperature. Culturette swab (non-gel): 1 day room temperature. Culturette swab (gel): 2 days room temperature.

If submitting tissue: Must be fresh tissue, submit in sterile container, add small amount of sterile saline to keep moist.

Specimen Rejection:
Will reject urine if not a suprapubic aspirate, swabs collected greater than 1 day after collection (non-gel), not submitted in transport media, specimens in fixative (formalin), viral transport media, dry swabs, non-sterile or leaking containers, expired transport media, frozen samples, or gel swabs collected more than 2 days prior to submission.

Methodology:
Standard culture methods

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CLOTEST (H. PYLORI CULTURE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>87077</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Surgical</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Microbiology</td>
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<td>CPT CODE(S):</td>
<td>87077</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>MICROBIOLOGY</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CLOTEST DEVICE (1)</td>
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<tr>
<td>TESTS:</td>
<td>CLOTEST, CLOTEST QC, UREASE TABLETS</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>87077</td>
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<tr>
<td>CPL:</td>
<td>6062</td>
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<tr>
<td>ZCPL:</td>
<td>6062</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: URINE CULTURE QNT COUNT
ABBREVIATION: 87086
SPECIMEN TYPE: URINE
STORAGE TEMP: RM TEMP
SPECIMEN TYPE: Microbiology
CPT CODE(S): 87086,87088,87186,87185,87158,87158-91,87335,87147
INSTRUMENT/LOC: MICROBIOLOGY
TUBE/CONTAINER: Clean Catch Urine (1)
TESTS: BLOOD AGAR, MACCONKEY
ASTM/HL7/SDF 1: 87086
VALID ICD-9 CODES: No
VALID ICD-10 CODES: Yes
NOTES: Patient preparation:

Patient should be instructed to collect a clean catch, midstream urine specimen in a sterile cup.

Test includes:
Colonies count; Identification and sensitivity of possible pathogens.

Specimen collection:
Clean catch midstream urine; Catheterized urine in a sterile container or syringe;
Cystoscopic urine in a sterile tube; Suprapubic aspirate in a sterile syringe.
Short collection less than 4ml submitted in Sterile cup.

Conditions for specimen transportation:
Urine transport vials - room temperature; Sterile cup– refrigerated.

Specimen processing:
Transfer urine from cup to urine transport vial if minimum fill line met.

Specimen acceptability:
Cultured within 2 hours of collection if at room temp.
Cultured within 24 hours of collection if left in sterile cup that is refrigerated
Cultured within 48 hours of collection if stored in urine transport vial (Gray top culture and sensitivity tube containing preservative)

Specimen rejection:
Sample received beyond acceptability periods listed above; Sample collected in a non-sterile container; Minimum fill line not met for urine transport vial (gray top culture and sensitivity tube)

Specimen storage and preservation:
After testing, transport vials are stored at room temperature for 1 week.

Freeze/Thaw:
None

Methodology:
Manual

Specimen referral:
Identification of Salmonella, Shigella and vibrio are reported to the Texas Department of State and Health Services
NAME: URINE CULTURE  
ABBREVIATION: 87088  
SPECIMEN TYPE: URINE  
STORAGE TEMP: RM TEMP  
SPECIMEN TYPE: Microbiology  
CPT CODE(S): 87086  
INSTRUMENT/LOC: MICROBIOLOGY  
TUBE/CONTAINER: Clean Catch Urine (1)  
TESTS: BLOOD AGAR, MACCONKEY  
ASTM/HL7/SDF 1: 87086  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: Yes  
NOTES: Patient preparation:
Patient should be instructed to collect a clean catch, midstream urine specimen in a sterile cup.  
Test includes:
Colony count; Identification and sensitivity of possible pathogens.  
Specimen collection:
Clean catch midstream urine; Catheterized urine in a sterile container or syringe;  
Cystoscopic urine in a sterile tube; Suprapubic aspirate in a sterile syringe.  
Short collection less than 4ml submitted in Sterile cup.  
Conditions for specimen transportation:
Urine transport vials - room temperature; Sterile cup– refrigerated.  
Specimen processing:
Transfer urine from cup to urine transport vial if minimum fill line met.  
Specimen acceptability:
Cultured within 2 hours of collection if at room temp.  
Cultured within 24 hours of collection if left in sterile cup that is refrigerated  
Cultured within 48 hours of collection if stored in urine transport vial (Gray top culture and sensitivity tube containing preservative)  
Specimen rejection:
Sample received beyond acceptability periods listed above; Sample collected in an non-sterile container; Minimum fill line not met for urine transport vial (gray top culture and sensitivity tube)  
Specimen storage and preservation:
After testing, transport vials are stored at room temperature for 1 week.  
Freeze/Thaw:
None  
Methodology:
Manual  
Specimen referral:
Identification of Salmonella, Shigella and vibrio are reported to the Texas Department of State and Health Services
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CULTURE FUNGUS SKIN, HAIR, NAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>87101</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<tr>
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<td>RM TEMP</td>
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<tr>
<td>CPT CODE(S):</td>
<td>87101</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>87101</td>
</tr>
<tr>
<td>CPL:</td>
<td>6075</td>
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<td>ZCPL:</td>
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<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**

Specimen collection:
Sterile collection container

Specimen processing:
Skin scrapings, hair, nails. Room temperature.
Site should be cleaned prior to collection to avoid overgrowth by skin contaminants. Room temperature.

Conditions for specimen transportation:
Room temperature

Specimen acceptability:
Several days room temperature

Specimen rejection:
Will reject dry swabs, swabs not submitted in transport media, leaking or non-sterile containers, specimens submitted in fixative (formalin), frozen samples

**Methodology**
Standard culture procedures

**Specimen Referral:**
Clinical Pathology Laboratories
Order Choice Information

NAME: CULTURE FUNGUS NON BLOOD OR SKIN
ABBREVIATION: 87102
SPECIMEN TYPE: SWAB
STORAGE TEMP: RM TEMP
CPT CODE(S): 87102
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CX (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 87102
CPL: 6077
ZCPL: 6077
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Processing:
Tissue, sterile body fluid, swabs from ear, wounds, or genital area. Avoid skin contamination during collection. Room temperature.

Specimen collection:
Sterile collection container

Specimen Processing:
Tissue, sterile body fluid, swabs from ear, wounds, or genital area. Avoid skin contamination during collection. Room temperature.

Volume
1 mL fluid

Conditions for specimen transportation:
Room temperature

Methodology:
Standard culture procedures

Specimen Rejection:
Will reject due to contamination, dry swabs, swabs not submitted in transport media, expired transport media, sample in fixative (formalin), non-sterile or leaking containers will reject frozen samples

Methodology:
Standard culture procedures

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CULTURE FUNGUS BLOOD</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>WB</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL CX (1)</td>
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<td>TESTS:</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
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<td>ZCPL:</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
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</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Dupont isolator collection tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 10 mL blood in isolator tube. Room temperature. Site must be</td>
</tr>
<tr>
<td></td>
<td>sterilized prior to collection to avoid contamination.</td>
</tr>
<tr>
<td></td>
<td>Volume</td>
</tr>
<tr>
<td></td>
<td>Tubes should be at least 1/2 full</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Room temperature</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: Dupont isolator: 16 hours room temperature. Plated specimens:</td>
</tr>
<tr>
<td></td>
<td>1 month room temperature.</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Will reject due to contamination, leaking containers, expired</td>
</tr>
<tr>
<td></td>
<td>media, or blood culture bottles will reject frozen samples</td>
</tr>
<tr>
<td></td>
<td>Methodology: Standard culture procedures</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

Printed on: January 29, 2016  3:28 PM  
Page: 370
NAME: CULTURE CHLAMYDIA
ABBREVIATION: 87110
SPECIMEN TYPE: SWAB
STORAGE TEMP: REFRIG
CPT CODE(S): 87110
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: TR MEDIA (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 87110
CPL: 6066
ZCPL: 6066
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Viral transport media

Specimen Processing:
Swab from endocervix, endourethra, conjunctiva, respiratory, rectal mucosa, peritoneal fluid or cul-de-sac fluid in viral transport media. Refrigerate.

Volume
1 swab in transport media

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days room temperature; 1 week refrigerated

Specimen Rejection:
Swabs with wooden shaft
specimens not submitted in viral or chlamydia transport media
urine
samples submitted in gel swabs

Methodology:
Cell culture

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CULTURE SPUTUM AFB & SMEAR
ABBREVIATION: 87116
SPECIMEN TYPE: MISC
STORAGE TEMP: CR REFRIG
CPT CODE(S): 87116
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL Cup 1 (1), CPL Cup 2 (1), CPL Cup 3 (1)
TESTS: No tests in this specimen
INFORMATION: PRIMARY SPECIMEN IN A STERILE SEALED CONTAINER. REFRIGERATE AND SHIP SPECIMEN ON COLD PACK WITHIN 24 HOURS OF COLLECTION. WHOLE BLOOD SPECIMENS MUST BE SHIPPED ROOM TEMP. COLLECT FIRST MORNING SPUTUM/URINE ON 3 CONSECUTIVE DAYS FOR OPTIMAL RECOVERY.

ASTM/HL7/SDF 1: 87116
CPL: 6130
ZCPL: 6130
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection
Sterile collection container

Specimen Processing:
Primary specimen in a sterile, sealed container.
Refrigerate and ship on a cold pack within 24 hours of collection.
Whole blood or bone marrow samples must be shipped at room temperature.
Collect first morning sputum or urine on 3 consecutive days for optimal recovery. Refrigerate.
Note: smears will not be performed on urine or stool sources. Only culture can be performed on these specimen types.

Volume
2 mL fluid

Conditions for specimen transportation:
Whole blood and bone marrow: room temperature all other samples: refrigerated

Specimen Acceptability:
Whole blood and bone marrow:

Specimen Rejection:
Samples submitted in viral transport media

Methodology:
Standard culture techniques

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: CULTURE MISC AFB</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 87117</td>
</tr>
<tr>
<td>SPECIMEN TYPE: MISC</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 87116, 87015</td>
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<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL CUP (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
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</table>

**INFORMATION:** PRIMARY SPECIMEN IN A STERILE SEALED CONTAINER. SHIP SPECIMEN ON COLD PACK WITHIN 24 HOURS OF COLLECTION. WHOLE BLOOD SPECIMENS MUST BE SHIPPED ROOM TEMPERATURE. COLLECT FIRST MORNING SPUTUM/URINE ON 3 CONSECUTIVE DAYS FOR OPTIMAL RECOVERY.

ASTM/HL7/SDF 1: 87117
CPL: 6128
ZCPL: 6128
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

**NOTES:**
Specimen Collection:
Sterile collection container

Specimen Processing:
Primary specimen in a sterile, sealed container.
Refrigerate and ship on a cold pack within 24 hours of collection.
Whole blood or bone marrow samples must be shipped at room temperature.
Collect first morning sputum or urine on 3 consecutive days for optimal recovery.

Volume
2 mL fluid

Conditions for specimen transportation:
Whole blood and bone marrow: room temperature all other samples: refrigerated

Specimen Acceptability:
Whole blood and bone marrow:

Specimen Rejection:
Samples submitted in viral transport media

Methodology:
Standard culture techniques

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>PARASITE ID, GROSS EXAM</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
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<td>SPECIMENT TYPE:</td>
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<tr>
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<tr>
<td>CPL:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
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</tr>
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</table>

**NOTES:**
- Specimen Collection:
- Specimen collection container

**Specimen Processing:**
Parasite immediately placed into formalin or alcohol.
Room temperature.

**Conditions for specimen transportation:**
Room temperature

**Specimen Rejection:**
Will reject if not preserved within 24 hours of collection

**Methodology:**
Macroscopic and microscopic examination

**Specimen Referral:**
Clinical Pathology Laboratories
### Order Choice Information

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<thead>
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<td>TUBE/CONTAINER:</td>
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<td>Pin Worm Exam</td>
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<td>VALID ICD-10 CODES:</td>
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**NOTES:**

- **Patient preparation:**
  - Specimen should be collected in the morning before going to the restroom or taking a bath.

- Test includes:
  - Pinworm eggs

- **Specimen collection:**
  - Use provided Pinworm Collector vials and refer to the Technical Insert.

- **Specimen storage and preservation:**
  - After testing, specimen is discarded

- **Conditions for specimen transportation:**
  - Room temperature

- **Specimen processing:**
  - None

- **Specimen acceptability:**
  - Sample collected using Pinworm Collector vials; Sample collected on clear tape (scotch tape).

- **Specimen rejection:**
  - Sample collected using non-clear tape.

- **Freeze/Thaw:**
  - None

- **Methodology:**
  - Manual (Microscopy)

- **Specimen referral:**
  - None
Order Choice Information

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<tbody>
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<td>SPECIMEN TYPE:</td>
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<tr>
<td>CPL:</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
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<td>O and p preservative formalin container and</td>
</tr>
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<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>Stool submitted in formalin and pva preservative.</td>
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<tr>
<td></td>
<td>Room temperature. Code appropriate for 1Z3 sets.</td>
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<td>For urine specimens, please order CPL code 7004 - parasite exam, urine.</td>
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<td>Volume</td>
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<td>Room temperature</td>
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<tr>
<td></td>
<td>1 month for preserved samples</td>
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<tr>
<td></td>
<td>Frozen stool</td>
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<tr>
<td>Methodology:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Formalin-ethyl acetate concentration</td>
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<td></td>
<td>Clinical Pathology Laboratories</td>
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</table>
NAME: SMEAR MALARIA
ABBREVIATION: 87207
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 87207
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 87207
CPL: 1374
ZCPL: 1374
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL fresh EDTA whole blood. Refrigerate.
Note: if blood parasite is suspected, confirmation will
be performed at an additional charge.

Volume
1 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature

Specimen Rejection:
Clotted samples
frozen samples
Some hemolysis is normally associated with malarial

Methodology:
Bright field microscopic examination of wright's stained thick and thin peripheral smears.

Specimen Referral:
Clinical Pathology Laboratories
<table>
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<td>SPECIMEN TYPE: Microbiology</td>
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<td>TUBE/CONTAINER: Vial/slide (1)</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
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</table>

**NOTES:**

Patient preparation:

None

Test includes:

Examination for fungal elements

Specimen collection:

Place sample into a plain red top tube with no preservatives, additives or gel. Sample includes:

- skin scrapings, nail clippings, or vaginal secretions.

Specimen storage and preservation:

After testing, specimen is discarded

Conditions for specimen transportation:

Room temperature

Specimen processing:

None

Specimen acceptability:

Sample collected in a plain red top tube with no preservatives, additives or gel.

Specimen rejection:

Specimen collected in a tube containing preservatives, additives or gel.

Freeze/Thaw:

None

Methodology:

Manual (Microscopy)

Specimen referral:

None
### Order Choice Information

**CMV CULTURE**

- **ABBREVIATION:** 87253
- **SPECIMEN TYPE:** MISC
- **STORAGE TEMP:** REFRIG
- **CPT CODE(S):** 87253
- **INSTRUMENT/LOC:** CPL
- **TUBE/CONTAINER:** CPL CX (1)
- **TESTS:** No tests in this specimen
- **INFORMATION:** Collect Nasopharynx, Oropharynx, Semen, Tissue M4 swab; Urine 10 ml, body fluid or CSF 2 ml, in appropriate swab or sterile container. REFRIGERATE
  - **BONE MARROW ROOM TEMP.**
  - **ASTM/HL7/SDF 1:** 87253
  - **CPL:** 6067
  - **ZCPL:** 6067
- **VALID ICD-9 CODES:** No
- **VALID ICD-10 CODES:** No
- **NOTES:** Specimen Processing:
  - 10 mL urine or respiratory sample in sterile collection container or viral transport media, 5 mL body fluid or
  - 0.5 gm tissue in sterile container or viral transport, or
  - 1 mL blood or bone marrow in sodium heparin (green top) tube. Refrigerate

**HERPES CULTURE W TYPING**

- **ABBREVIATION:** 87254
- **SPECIMEN TYPE:** SWAB
- **STORAGE TEMP:** REFRIG
- **CPT CODE(S):** 87254
- **INSTRUMENT/LOC:** CPL
- **TUBE/CONTAINER:** VIRAL MEDIA (1)
- **TESTS:** No tests in this specimen
- **INFORMATION:** Collect M4 Swab in HSV Viral Transport Media
  - **ASTM/HL7/SDF 1:** 87254
  - **CPL:** 6068
  - **ZCPL:** 6068
- **VALID ICD-9 CODES:** No
- **VALID ICD-10 CODES:** No
- **NOTES:** Specimen Processing:
  - Inoculated swab in HSV viral transport culture set.
  - Indicate source of sample on request. Refrigerate.

**Specimen Referral:**
- Clinical Pathology Laboratories
Order Choice Information

NAME: VARICELLA ZOSTER ANTIGEN
ABBREVIATION: 87290
SPECIMEN TYPE: VIAL
STORAGE TEMP: CR FZN
CPT CODE(S): 87290
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: VIRAL MEDIA (1)
TESTS: No tests in this specimen
INFORMATION: SCRAPING OF VESICULAR LESION IN VIRAL TRANSPORT, FROZEN
ASTM/HL7/SDF 1: 87290
CPL: 5333
ZCPL: 5333
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
  Specimen Collection:
  Viral transport media
  Specimen Processing:
  Vesicle swab in viral transport media. Freeze.
  When multiple tests are ordered, submit separate sample for this test.
  Conditions for specimen transportation:
  Frozen
  Specimen Acceptability:
  1 day room temperature; 3 days refrigerated; 1 week frozen
  Methodology:
  Direct fluorescent assay (dfa)
  Specimen Referral:
  Clinical Pathology Laboratories
Order Choice Information

NAME: HELICOBACT PYL AG STOOL  
ABBREVIATION: 87338  
SPECIMEN TYPE: STOOL  
STORAGE TEMP: CR FZN  
CPT CODE(S): 87338  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: STOOL CUP (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 87338  
CPL: 4499  
ZCPL: 4499  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Specimen collection container  
Specimen Processing:  
10 grams unpreserved stool. Refrigerate.  
Performance characteristics have not been established for watery, diarrheal stools.  
To avoid false Negative results, no antibiotics, proton pump inhibitors, or bismuth preparation should be administered to patients for 14 days prior to sample collection.  
Current medical practice recommends that assessment of eradication by any diagnostic method should be done at least 4 weeks following completion of therapy.  
Performance characteristics have not been established in asymptomatic populations.  
Volume  
2 grams stool  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
Unacceptable room temperature; 3 days refrigerated; 1 week frozen. Only 2 freeze/thaw cycles will be allowed.  
Specimen Rejection:  
Specimens submitted in transport media  
room temperature samples  
samples submitted in leaking containers  
swabs  
diapers  
Methodology:  
Enzyme immunoassay (eia)  
Specimen Referral:  
Clinical Pathology Laboratories
### NAME: HEPATITIS B SURFACE AG
### ABBREVIATION: 87340
### SPECIMEN TYPE: Serum
### STORAGE TEMP: RM TEMP
### CPT CODE(S): 87340
### INSTRUMENT/LOC: EVOLIS
### TUBE/CONTAINER: EVOLI GOLD (1)
### TESTS: Hepatitis B surface AG, Reflex to HBSAG Confirm, U-Hepatitis B surface AG
### ASTM/HL7/SDF 1: 87340
### CPL: 2739
### ZCPL: 2739
### VALID ICD-9 CODES: No
### VALID ICD-10 CODES: No
### NOTES:
- **Patient preparation:** None
- **Test includes:** Hepatitis B Surface Antigen; Repeat testing & confirmation if Reactive
- **Specimen collection:** Serum – Gold top (SST)
- **Specimen storage and preservation:** After testing, refrigerated 1 week
- **Conditions for specimen transportation:** Room temp up to 8 hours; Refrigerated up to 7 days
- **Specimen processing:** Centrifuge @ 3000 rpm for 10 min, refrigerate sample if not transfer to the lab within 8 hours
- **Specimen acceptability:** Serum
- **Specimen rejection:** Samples that are left at room temperature over 8 hours or kept refrigerated longer than 7 days
- **Freeze/Thaw:** 5 Cycles
- **Methodology:** Enzyme Immunoassay (EIA)
- **Specimen referral:** Reactive HBsAg is reported to the Texas Department of State and Health services
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>HEPATITIS BE AG</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>87350</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<td>TESTS:</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>ZCPL:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
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<tr>
<td></td>
<td>Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
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<tr>
<td></td>
<td>Volume 0.5 mL serum</td>
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<tr>
<td></td>
<td>Conditions for specimen transportation: Refrigerated</td>
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<tr>
<td></td>
<td>Specimen Acceptability: 2 days room temperature; 6 days refrigerated; indefinite frozen</td>
</tr>
<tr>
<td></td>
<td>Methodology: Enzyme linked immunosorbent assay (ELISA)</td>
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<td>Specimen Referral: Clinical Pathology Laboratories</td>
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0.5 mL serum
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>HIV 1/2 ABS AND P24AG</th>
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<tr>
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**NOTES:**
- Patient preparation: None
- Test includes:
  - HIV-1 Antibody; HIV-2 Antibody; HIV-1 p24 Antigen; Repeat testing if Reactive
- Specimen collection:
  - Serum – Gold top (SST)
- Specimen storage and preservation:
  - After testing, refrigerated 1 week
- Conditions for specimen transportation:
  - Room temp up to 8 hours; Refrigerated up to 7 days
- Specimen processing:
  - Centrifuge @ 3000 rpm for 10 min, refrigerate sample if not transfer to the lab within 8 hours
- Specimen acceptability:
  - Serum
- Specimen rejection:
  - Samples that are left at room temperature over 8 hours or kept refrigerated longer than 7 days
- Freeze/Thaw:
  - 4 Cycles
- Methodology:
  - RAPID ENZYME IMMUNOASSAY (EIA)
- Specimen referral:
  - Reactive HIV specimens are reported to the Texas Department of State and Health Services and also sent to Labcorp for confirmatory testing
<table>
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<tr>
<td>NAME:</td>
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<td>VALID ICD-10 CODES:</td>
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</tr>
<tr>
<td>NOTES:</td>
<td>Patient preparation: None</td>
</tr>
<tr>
<td></td>
<td>Test includes: Toxigenic C. difficile DNA – Toxin A; Toxigenic C. difficile DNA – Toxin B</td>
</tr>
<tr>
<td></td>
<td>Specimen collection: Collect stool sample in a sterile container.</td>
</tr>
<tr>
<td></td>
<td>Specimen storage and preservation: After testing, specimen is discarded.</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Refrigerated</td>
</tr>
<tr>
<td></td>
<td>Specimen processing: None</td>
</tr>
<tr>
<td></td>
<td>Specimen acceptability: Refrigerated up to 5 days; Frozen 6 days or over.</td>
</tr>
<tr>
<td></td>
<td>Specimen rejection: Formed stool specimen; Samples kept in refrigerator longer than 5 days.</td>
</tr>
<tr>
<td></td>
<td>Freeze/Thaw: N/A</td>
</tr>
<tr>
<td>Methodology:</td>
<td>DNA Amplification</td>
</tr>
<tr>
<td>Specimen referral:</td>
<td>None</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: CMV BY PCR QUAL/QUANT
ABBREVIATION: 87496
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 87497
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV1 (1), CPL PLASMA ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 87496
CPL: 4019
ZCPL: 4019
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
3 mL EDTA plasma. Centrifuge sample and separate plasma
from cells within 6 hours of collection. Transfer plasma to
a polypropylene transport tube. Freeze. When multiple
tests are ordered, submit separate tube for this test.

Volume
3 mL plasma

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
1 week refrigerated; 6 weeks frozen

Specimen Rejection:
Serum
heparin plasma

Methodology:
Polymerase chain reaction (PCR)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: HEPATITIS C RNA PCR QUAL
ABBREVIATION: 87521
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 87522
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 87521
CPL: 4563
ZCPL: 4563
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 6 hours
of collection. Transfer serum to a polypropylene transport
tube. Refrigerate. When multiple tests are ordered, submit
separate tube for this test.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated or frozen

Specimen Acceptability:
3 days refrigerated; 6 weeks frozen

Specimen Rejection:
Samples not separated from cells within 6 hours
samples collected in heparin anticoagulant
samples submitted in polystyrene tubes

Methodology:
Cobas ampliprep/cobas taqman note: this test is intended for use in conjunction with clinical presentation and other laboratory markers
as an indicator of disease prognosis or in assessing response to antiviral therapy. Positive HCV PCR results establish active, viremic
HCV infection. Negative HCV PCR results may represent absence of Hepatitis C virus, inactive Hepatitis C, low level infection below
limit of detection, or specimen sampling or collection error. This test should not be used alone to establish or exclude HCV exposure
or infection.

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

**NAME:**  HPV HR GENOTYPE PANEL  
**ABBREVIATION:**  87624  
**SPECIMEN TYPE:**  THIN PREP  
**STORAGE TEMP:**  RM TEMP  
**CPT CODE(S):**  87624  
**INSTRUMENT/LOC:**  COBAS 4800  
**TUBE/CONTAINER:**  VIAL (1)  
**TESTS:**  HR HPV 16, HR HPV 18, HR HPV OTHER, HPVGEN order  
**ASTM/HL7/SDF 1:**  87624  
**VALID ICD-9 CODES:**  No  
**VALID ICD-10 CODES:**  No  
**NOTES:**

Patient preparation:  
None  

Test includes:  
- High Risk HPV 16  
- High Risk HPV 18  
- High Risk HPV Other  

Specimen collection:  
- Cervical specimens collected in PreservCyt® solution  

Specimen storage and preservation:  
- Stored at 2-30 °C for up to 6 months  

Conditions for specimen transportation:  
- Room temperature  

Specimen processing:  
None  

Specimen acceptability:  
- Cervical specimens in PreservCyt® solution  

Specimen rejection:  
- Specimen collected in non PreservCyt solution; Frozen  

Freeze/Thaw:  
- Do not freeze  

Methodology:  
- Polymerase Chain Reaction (PCR)  

Specimen referral:  
None
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>HPV HR 16/18</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>87625</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>THIN PREP</td>
</tr>
<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>RM TEMP</td>
</tr>
<tr>
<td><strong>CPT CODE(S):</strong></td>
<td>87625</td>
</tr>
<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>COBAS 4800</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>VIAL (1)</td>
</tr>
<tr>
<td><strong>TESTS:</strong></td>
<td>HR HPV 16, HR HPV 18, HPVGEN order</td>
</tr>
<tr>
<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>87625</td>
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<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**

Patient preparation:
None

Test includes:
High Risk HPV 16
High Risk HPV 18

Specimen collection:
Cervical specimens collected in PreservCyt® solution

Specimen storage and preservation:
Stored at 2-30 °C for up to 6 months

Conditions for specimen transportation:
Room temperature

Specimen processing:
None

Specimen acceptability:
Cervical specimens in PreservCyt® solution

Specimen rejection:
Specimen collected in non PreservCyt solution; Frozen

Freeze/Thaw:
Do not freeze

Methodology:
Polymerase Chain Reaction (PCR)

Specimen referral:
None
### Order Choice Information

| NAME: | GROUP A STREP BY DNA AMP |
| ABBREVIATION: | 87651 |
| SPECIMEN TYPE: | SWAB |
| STORAGE TEMP: | RM TEMP |
| SPECIMEN TYPE: | Microbiology |
| CPT CODE(S): | 87651 |
| INSTRUMENT/LOC: | MICROBIOLOGY |
| TUBE/CONTAINER: | SWAB (1) |
| TESTS: | GROUP A STREP BY DNA, THROAT SWAB |
| ASTM/HL7/SDF 1: | 87651 |
| VALID ICD-9 CODES: | No |
| VALID ICD-10 CODES: | No |

**NOTES:**
- Patient preparation: None
- Test includes: Streptococcus pyogenes (Group A beta-hemolytic Strep).
- Specimen collection: Use a sterile transport swab to vigorously swab the tonsils and the posterior pharynx.
- Specimen storage and preservation: After testing, specimen is discarded.
- Conditions for specimen transportation: Room temp or refrigerated.
- Specimen processing: None
- Specimen acceptability: Within 48 hours if room temperature; Within 7 days if refrigerated.
- Specimen rejection: Samples other than throat swabs (rectal, vaginal, etc.); Samples received beyond specimen acceptability period.
- Freeze/Thaw: None
- Methodology: DNA Amplification
- Specimen referral: None
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>GROUP B STREP BY DNA AMP</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>87653</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>SWAB</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Microbiology</td>
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<td>CPT CODE(S):</td>
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<td>INSTRUMENT/LOC:</td>
<td>MICROBIOLOGY</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>SWAB (1)</td>
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<tr>
<td>TESTS:</td>
<td>GROUP B STREP BY DNA, LIMS BROTH</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>87653</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**

Patient preparation:
- None

Test includes:
- Streptococcus agalactiae (GBS)
  - Microbial susceptibility is performed if result is positive and the patient is allergic to penicillin.

Specimen collection:
- Use a sterile transport swab to obtain vaginal and/or rectal specimens from antepartum women.

Specimen storage and preservation:
- After testing, specimens are stored at room temperature for 1 week.

Conditions for specimen transportation:
- Room temperature

Specimen processing:
- Place swabs into enrichment broth (Lim Broth) and incubate for 18-24 hours.

Specimen acceptability:
- If transport time is more than 24 hours, the specimen must be kept at 2-8°C up to 48 hours.

Specimen rejection:
- Samples other than vaginal/rectal swabs; Samples received beyond specimen acceptability period.

Freeze/Thaw:
- None

Methodology:
- DNA Amplification

Specimen referral:
- None
### NAME: PERTUSSIS BY DNA AMP

**ABBREVIATION:** 87801  
**SPECIMEN TYPE:** MINITIP FLOCKED SWAB  
**STORAGE TEMP:** RM TEMP  
**SPECIMEN TYPE:** Microbiology  
**CPT CODE(S):** 87801  
**INSTRUMENT/LOC:** MICROBIOLOGY  
**TUBE/CONTAINER:** LQ STURAT (1)  
**TESTS:** PERTUSSIS, NASAL SWAB  
**INFORMATION:** NASOPHARYNGEAL SPECIMEN COLLECTED ON A FLEXIBLE MINITIP FLOCKED SWAB

ASTM/HL7/SDF 1: 87801  
CPL: 6096  
ZCPL: 6096  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Use a nasopharyngeal swab (polyester, rayon, or flocked nylon) for specimen collection then store in a non-nutritive transport medium (liquid Stuart or liquid Amies, without charcoal.)  
Specimen Processing:  
None  
Conditions for specimen transportation:  
Room Temperature (21-30°C)  
Specimen Acceptability:  
Within 5 days at room temperature (21-30°C); within 7 days refrigerated (2-8°C)  
Specimen Rejection:  
Swabs with wooden shaft  
Samples other than nasopharyngeal swabs  
Swabs in medium containing charcoal  
Frozen specimens  
Samples received beyond specimen acceptability period.  
Methodology:  
Loop Mediated Isothermal Amplification (LAMP)  
Specimen Referral:  
Positive specimens are reported to the Texas Department of State and Health Services

### NAME: CYTOLOGY FLUID (NON-GYN)

**ABBREVIATION:** 88104  
**SPECIMEN TYPE:** Cytology  
**CPT CODE(S):** 88104  
**INSTRUMENT/LOC:** MAIN LAB  
**TUBE/CONTAINER:** CUP (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PLEASE CONTACT CYTOLOGY DEPARTMENT FOR A COMPLETE LISTING OF COLLECTION INSTRUCTIONS!  
ASTM/HL7/SDF 1: 88104  
CPL: 8000  
ZCPL: 8000  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>PAP TEST NON-ZIMAGED</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>88142</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Cytology</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>AP Cytology GYN</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>88142, 88141, 88143, 9999</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>PATH ML</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>Vial/slide (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>Specimen Source: , Specimen Type PAP, Date of Last Pap: , LMP: , Clinical History PAP, Performed where:, Accession #:</td>
</tr>
<tr>
<td></td>
<td>Disclaimer Pap (Non-Imaged), Specimen Adequacy, Diagnostic Interpretation/Result, Organisms Present, Non-Neo Findings, Screened, Comment PAP, Internal Comment, Reflex HPV HR?, Reflex HPV if ASCUS/LSIL?, Slide Count</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>88142</td>
</tr>
<tr>
<td>TAT ROUTINE TARGET TIMES:</td>
<td>007:00:00</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>Yes</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Preferred Specimen:</td>
</tr>
<tr>
<td></td>
<td>Obtain an adequate sampling from the cervix using spatula/brush or broom. Insert the central bristles of the broom into the endocervical canal deep enough to allow the shorter bristles to fully contact the ectocervix. Push gently and rotate the broom in a clockwise direction five (5) times. Rinse the broom into the vial by pushing the broom into the bottom of the vial ten (10) times, forcing the bristles apart. As a final step, swirl the broom vigorously to further dislodge material. Discard the collection device. Do not leave collection device in the vial. Remove immediately. Tighten the cap so that the torque line on the cap passes the torque line on the vial.</td>
</tr>
<tr>
<td></td>
<td>Record the patient's name and id number on the vial. Record the patient's name and medical history on the cytology requisition.</td>
</tr>
<tr>
<td>Specimen Rejected:</td>
<td>If it is received without proper labeling</td>
</tr>
<tr>
<td>Container Type:</td>
<td>Preservcyt collection container</td>
</tr>
<tr>
<td>Transport Temperature:</td>
<td>Room temperature</td>
</tr>
<tr>
<td>Specimen Stability:</td>
<td>3 weeks room temperature</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Thinprep cytologic evaluation</td>
</tr>
</tbody>
</table>
**Order Choice Information**

<table>
<thead>
<tr>
<th>Name: IMAGED GUIDED PAP TEST</th>
<th>Abbreviation: 88175</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimen Type: Cytology</td>
<td>Specimen Type: AP Cytology GYN</td>
</tr>
<tr>
<td>CPT Code(s): 88175, 88141, 88143, 9999</td>
<td>Instrument/Loc: PATH ML</td>
</tr>
<tr>
<td>Tube/Container: Vial/slide (1)</td>
<td>Tests: Specimen Source: , Specimen Type PAP, Date of Last PAP: , LMP: , Clinical History PAP, Performed where:, Disclaimer Pap, Specimen Adequacy, Diagnostic Interpretation/Result, Accession #: Organisms Present, Non-Neo Findings, Screened, Comment PAP, Internal Comment, Reflex HPV if ASCUS/LSIL?, Regardless HPV, Slide Count</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 88175</td>
<td>TAT Routine Target Times: 007:00:00</td>
</tr>
<tr>
<td>Valid ICD-9 Codes: No</td>
<td>Valid ICD-10 Codes: Yes</td>
</tr>
<tr>
<td>Notes: IMAGED GUIDED PAP TEST</td>
<td>Preferred Specimen: Obtain an adequate sampling from the cervix using spatula/brush or broom. Insert the central bristles of the broom into the endocervical canal deep enough to allow the shorter bristles to fully contact the ectocervix. Push gently and rotate the broom in a clockwise direction five (5) times. Rinse the broom into the vial by pushing the broom into the bottom of the vial ten (10) times, forcing the bristles apart. As a final step, swirl the broom vigorously to further dislodge material. Discard the collection device. Do not leave collection device in the vial. Remove immediately. Tighten the cap so that the torque line on the cap passes the torque line on the vial. Record the patient's name and id number on the vial. Record the patient's name and medical history on the cytology requisition.</td>
</tr>
<tr>
<td>Specimen Rejected: If it is received without proper labeling</td>
<td>Container Type: Preservcyt collection container</td>
</tr>
<tr>
<td>Transport Temperature: Room temperature</td>
<td>Specimen Stability: 3 weeks room temperature</td>
</tr>
<tr>
<td>Methodology: Thinprep cytologic evaluation enhanced by imager</td>
<td></td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: FLOW (DNA) CYTOMETRY CELL CYC
ABBREVIATION: 88182
SPECIMEN TYPE: WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 88182
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C8182 LAV (1), C8182 YELL (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 88182
CPL: 8182
LABCORP: 480260
ZCPL: 8182
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Tissue block

Specimen Processing:
Paraffin-embedded tissue block with villous and decidual tissue. Include 1 h&e stained slide and clinical information. Refrigerate.

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
Indefinite room temperature; indefinite refrigerated; unacceptable frozen

Specimen Rejection:
Decalcified specimens
specimens fixed in boun's solution, fixatives containing mercuric chloride (zenker's solution), ethanol-based fixatives containing ethylene glycol, acetic acid, or zinc chloride

Methodology:
Flow cytometry

Specimen Referral:
Clinical Pathology Laboratories

NAME: LEUK LYMPH PHENOTYPING, BLOOD
ABBREVIATION: 88184
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 88184
INSTRUMENT/LOC: MAIN LAB
TUBE/CONTAINER: LAV (1)
TESTS: No tests in this specimen
INFORMATION: RM temp at all times. If drawn on Friday, specimen must be at Main Lab by 3pm.
ASTM/HL7/SDF 1: 88184
CPL: 8180
ZCPL: 8180
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: 5/9/2014 9:37 AM: LLP performed at Integrated Oncology

---
Order Choice Information

NAME: LEUK LYMPH PHENOTYPING, BLOOD without DNA
ABBREVIATION: 88184
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 88184
INSTRUMENT/LOC: PATH ML
TUBE/CONTAINER: LAV (2)
TESTS: No tests in this specimen
INFORMATION: VIRTUAL FLOW (TECHNICAL ONLY) WITHOUT DNA;
STABILITY 48HR. DO NOT DRAW AFTER 3PM FRIDAYS!
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: LEUKEMIA/LYMPHOMA Immunophenotyping PROFILE

SPECIMEN: Whole blood or bone marrow aspirate, body fluids, fresh lymph node, spleen, extranodal solid tissue, biopsy, or needle aspirate
VOLUME: 3 mL whole blood or 2 mL bone marrow aspirate, 2 mL body fluid tube. Large volumes of body fluids should be concentrated to <5 mL; 0.5-1.0 cm fresh tissue.
MINIMUM VOLUME: 1 mL whole blood or bone marrow (NOTE: This volume does not allow for repeat testing.)
CONTAINER: Green-top (sodium heparin) tube (preferred), lavender-top EDTA) tube, or yellow-top ACD) tube for whole blood or bone marrow (acceptable, not preferred); lavender-top EDTA body fluids) tube; fresh tissue in lymph node transport bottle containing RPMI

SPECIAL INSTRUCTIONS: If both tissue flow cytometry and histology are required, submit one portion of fresh specimen in transport medium or saline for flow cytometry and one portion in 10% formalin for histologic analysis
COLLECTION: Note: In an attempt to maintain specimen at room temperature,
In hot weather, enclose a refrigerated (not frozen) gel pack.
In cold weather, run hot water over gel pack for three to five minutes.
Submit blood or bone marrow at room temperature. Collect the specimen so it will arrive in the laboratory Monday through Friday and within 24 hours of collection. Please state on the test request form the date and time of collection.
For fresh tissue, aseptically cut tissue in pieces and place in lymph node transport bottle. If aspirate is submitted, rinse needle in transport medium. Submit at room temperature, place specimen in sterile container with saline. Submit specimen so it will arrive in the laboratory Monday through Friday and within 24 hours of surgical removal. To avoid transportation delays, submit specimen on the day of collection.

STORAGE INSTRUCTIONS: Maintain specimen at room temperature.

CAUSES FOR REJECTION: Hemolysis; specimen clotted; specimen frozen; specimen in formalin or other fixative; blood more than 72 hours old; bone marrow aspirates more than five days old; tissue in formalin or other fixative; contaminated transport medium.

USE: Identify and characterize the following:
   Reactive lymphocytosis vs chronic lymphocytic leukemia (CLL)
   CLL vs mantle cell lymphoma
   Prolymphocytic leukemia vs lymphoblastic leukemia large granular lymphocyte
   Proliferations, T-Y lymphoproliferative disease, natural kill cell proliferations, T-cell CLL,
   T-cell proliferations
   Non-Hodgkin lymphoma
   Adult T-cell leukemia/lymphoma

Neoplastic B-cell proliferations (chronic leukemias and lymphomas) are clonal expansions of cell that express either K or A immunoglobulin light chains.

METHODOLOGY: Immunophenotyping by flow cytometry
### Order Choice Information

**NAME:** TISSUE CULTURE PLACENTA  
**ABBREVIATION:** 88235  
**SPECIMEN TYPE:** MISC  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 88235  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** RPMI MEDIA (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** 20 MG TISSUE IN RPM MEDIA. REFRIGERATE COLLECT MON-THURS ONLY.  
**ASTM/HL7/SDF 1:** 88235  
**CPL:** 5229  
**LABCORP:** 052068  
**ZCPL:** 5229  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** Yes  
**NOTES:** Specimen Processing:  
20 mg chorionic villi cells in rpm media.  
Collect Monday through Thursday only. Refrigerate.

**Specimen Referral:**  
Clinical Pathology Laboratories

---

**NAME:** CHROMOSOME BONE MARROW  
**ABBREVIATION:** 88262  
**SPECIMEN TYPE:** BONE MAR  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 88262  
**INSTRUMENT/LOC:** zlO  
**TUBE/CONTAINER:** BF DKGRN (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 88262  
**CPL:** 5207  
**LABCORP:** 052001  
**ZCPL:** 5207  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** Yes

---

**NAME:** NMR LipoProfile  
**ABBREVIATION:** 884247  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 884247  
**INSTRUMENT/LOC:** LABCORP  
**TUBE/CONTAINER:** PL RED (1), SERUM (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** Patient should be fasting for 12 to 14 hours. Centrifuge specimen for 15 minutes at 3000 rpm.

**LABCORP:** 884247  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
NAME: CULTURE GC
ABBREVIATION: 887070
SPECIMEN TYPE: SWAB
STORAGE TEMP: RM TEMP
CPT CODE(S): 887070
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CX (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 887070
CPL: 6031
ZCPL: 6031
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NOTES:
Specimen Collection:
Dual culture swab in transport media

Specimen Processing:
Inoculated swab in transport media. Room temperature.

Volume
1 swab

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
1 day room temperature samples received 24-48 hours after collection will be reported with the following comment: "specimen was not received into the laboratory within 24 hours. Some organisms may have significant loss of viability. Recollection should be considered.

Specimen Rejection:
Will reject viral transport media, swabs collected more than 2 days prior to submission, dry swabs, non-sterile or leaking containers, expired transport media, frozen specimens, specimens in fixative (formalin), swabs not submitted in transport media, or specimens submitted in tissue paper

Methodology:
Standard culture technique for neisseria gonorrhoeae

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong> CULTURE BODY FLUID</th>
</tr>
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<tbody>
<tr>
<td><strong>ABBREVIATION:</strong> 888018</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong> FLUID</td>
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<td><strong>STORAGE TEMP:</strong> RM TEMP</td>
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<td><strong>CPT CODE(S):</strong> 87070</td>
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<td><strong>INSTRUMENT/LOC:</strong> CPL</td>
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<tr>
<td><strong>TUBE/CONTAINER:</strong> SYRINGE (1)</td>
</tr>
<tr>
<td><strong>TESTS:</strong> No tests in this specimen</td>
</tr>
<tr>
<td><strong>ASTM/HL7/SDF 1:</strong> 888018</td>
</tr>
<tr>
<td><strong>CPL:</strong> 6107</td>
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<tr>
<td><strong>ZCPL:</strong> 6107</td>
</tr>
<tr>
<td><strong>VALID ICD-9 CODES:</strong> No</td>
</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong> No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - Sterile collection container
- Specimen Processing:
  - 1 mL body fluid in sterile collection container.
  - Room temperature.
- Volume
  - 0.2 mL body fluid
- Conditions for specimen transportation:
  - Room temperature

**Specimen Acceptability:**
1 day room temperature samples received 24-48 hours after collection will be reported with the following comment: "specimen was not received into the laboratory within 24 hours. Some organisms may have significant loss of viability. Recollection should be considered."

**Specimen Rejection:**
Will reject viral transport media, swabs collected more than 2 days prior to submission, dry swabs, non-sterile or leaking containers, expired transport media, frozen specimens, specimens in fixative (formalin), swabs not submitted in transport media, or specimens submitted in tissue paper

**Methodology:**
Standard culture methodology

**Specimen Referral:**
Clinical Pathology Laboratories
Order Choice Information

NAME: CORTROSYN STIM B
ABBREVIATION: 888062
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 888062
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Cortisol Base, Cortisol 30 min, Cortisol 60 min
INFORMATION: Arrange Cortrosyn injection with nurse before blood draws.
ASTM/HL7/SDF 1: 888062
CPL: 9313
ZCPL: 9313
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Send patient to Endocrinology section for injection.
Call nurse and ask time injection given, draw 30 minutes and 60 minutes
specimens.

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle:

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
NAME: XYLOSE ABSORPTION TEST
ABBREVIATION: 888071
SPECIMEN TYPE: SEE HANDLING
STORAGE TEMP: REFRIG
CPT CODE(S): 84620
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4227 5HR UR REF (1), C4227 SST 2HRPOST (1), C4227 SST BASE (1)
TESTS: No tests in this specimen
INFORMATION: PATIENT COLLECTS URINE FOR 5 HOURS. POUR 5HRU INTO ALIQUOT AND REFRIG.
DRAW SST BASELINE AND 2 HOUR POST DOSE. REFRIGERATE SERUM.
CONTACT REFERRAL TESTING FOR D-XYLOSE ADMIN DOSE INSTRUCTIONS.
ASTM/HL7/SDF 1: 888071
CPL: 4227
ZCPL: 4227
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube and urine collection container

Specimen Processing:
1. Patient should be fasting for 8 hours prior to starting test.
2. Just prior to the start of the test, the patient should empty his/her bladder. Do not collect this urine.
3. Just prior to the start of the test, collect the first serum sample. Label this sample as fasting serum.
4. Give adults 25 g d-xylose in 250 mL water. give children 0.5 g d-xylose per kilogram body weight. (0.2 g per pound body weight). encourage the patient to drink an additional 250 mL water following the xylose dose. The patient may have water as desired, but no other food or fluids. Smoking should be prohibited. The patient should rest in a chair or on a bed until completion of the test. Mild diarrhea is common following xylose ingestion.
5. Collect the second serum sample 2 hours after giving the xylose dose. Label this sample as two-hour serum.
6. After giving the xylose dose, collect all urine for the next 5 hours. Measure and record the total volume, mix well and remove a 5 mL aliquot for transport. label this sample as five-hour urine.
   note: if unable to collect pediatric urine samples, testing will be completed with a disclaimer, provided both serum samples are received.
7. Record the xylose dose given and the total volume of the five-hour urine on the requisition.
8. Transport samples refrigerated.
   The requesting physician should arrange for d-xylose from local pharmacy for for testing.

Conditions for specimen transportation:
Refrigerate urine during collection and transport; refrigerate blood samples

Specimen Acceptability:
4 hours room temperature; 1 week refrigerated; 1 month frozen

Specimen Rejection:
Gross hemolysis
serum not separated from cells
non-fasting samples

Methodology:
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>CHLAMYDIA SERO IGG/IGA/IGM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>888079</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
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<tr>
<td><strong>STORAGE TEMP:</strong></td>
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<td><strong>CPT CODE(S):</strong></td>
<td>888079</td>
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<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
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<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>SST GOLD (1)</td>
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<tr>
<td><strong>TESTS:</strong></td>
<td>No tests in this specimen</td>
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<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>888079</td>
</tr>
<tr>
<td><strong>CPL:</strong></td>
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<td><strong>ZCPL:</strong></td>
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<td><strong>VALID ICD-9 CODES:</strong></td>
<td>No</td>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>NOTES:</strong></td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
</tbody>
</table>

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week room temperature; 2 weeks refrigerated;

Methodology:
Immunofluorescence assay (IFA)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>NAME</td>
<td>TESTOSTERONE T&amp;F W/ SHBG</td>
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<tr>
<td>ABBREVIATION</td>
<td>888083</td>
</tr>
<tr>
<td>SPECIMEN TYPE</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP</td>
<td>RM TEMP</td>
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<tr>
<td>CPT CODE(S)</td>
<td>888083</td>
</tr>
<tr>
<td>INSTRUMENT/LOC</td>
<td>BCI DXC 880i</td>
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<tr>
<td>TUBE/CONTAINER</td>
<td>LT GRN (1)</td>
</tr>
<tr>
<td>TESTS</td>
<td>Testosterone, Sex Hormone Binding Globulin, Free Testosterone, Calc</td>
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<td>ASTM/HL7/SDF 1</td>
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<td>CPL</td>
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<td>VALID ICD-10 CODES</td>
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</tr>
<tr>
<td>NOTES</td>
<td>Patient Preparation: None</td>
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</table>

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - Serum

Freeze Thaw Cycle: 2 cycles

Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
### Order Choice Information

**NAME:** GESTATIONAL 3HR TOLERANCE  
**ABBREVIATION:** 888084  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 82951  
**INSTRUMENT/LOC:** DXC  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** GDM Glucose Fasting, GDM Glucose 1Hr, GDM Glucose 2Hr, GDM Glucose 3Hr  
**INFORMATION:** Draw Fasting with Light green top tube. Give patient 100 Grams Glucose drink. Draw Lt. green for 1 HR, 2 HR, 3 HR Post dose, Mix, Room Temp. DOCUMENT DRAW TIMES ON TUBES AND TOLERANCE SHEET.  
**ASTM/HL7/SDF 1:** 888084  
**CPL:** 2111  
**ZCPL:** 2111  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient Preparation: Patient should fast for 12 hours preceding collection of specimen. Draw Fasting Glucose specimen before administering Glucose drink. Patient should be given 100 grams of glucose drink and should be consumed in 5 minutes.  
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 2 days  
Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Lipemia, Improper Container or Labeling.  
Methodology: Glucose Oxidase  
Specimen Referral: None
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>6HR GLUCOSE TOLERANCE</th>
</tr>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>STORAGE TEMP:</td>
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<tr>
<td>CPT CODE(S):</td>
<td>888085</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>DXC</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>LT GRN (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>Glucose Fasting, Glucose 30 Min, Glucose 1Hr, Glucose 2Hr, Glucose 3Hr, Glucose 4Hr, Glucose 5Hr, Glucose 6Hr</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>888085</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Patient Preparation: Patient should fast for 12 hours preceding collection of specimen.</td>
</tr>
<tr>
<td></td>
<td>Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
</tr>
<tr>
<td></td>
<td>Specimen Storage and Preservation:</td>
</tr>
<tr>
<td></td>
<td>Room Temperature (15 to 30°C) 8 hours</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 to 8°C) 2 days</td>
</tr>
<tr>
<td></td>
<td>Frozen Aliquot (-20°C) 7 days</td>
</tr>
<tr>
<td></td>
<td>Conditions for Specimen Transportation:</td>
</tr>
<tr>
<td></td>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
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<tr>
<td>Specimen Acceptability:</td>
<td>SST - SERUM</td>
</tr>
<tr>
<td>Freeze Thaw Cycle:</td>
<td>1 cycle</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Lipemia, Improper Container or Labeling.</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Glucose Oxidase</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>None</td>
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</tbody>
</table>
NAME: ALPHA FETOPROTEIN III
ABBREVIATION: 888094
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 888094
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 888094
CPL: 2618
ZCPL: 2618
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Interpretation is based on gestational age 14 weeks to <22 weeks. A completed history form must accompany sample.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>3HR GLUCOSE TOLERANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<td>STORAGE TEMP:</td>
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<tr>
<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
<td>Glucose Fasting, Glucose 30 Min, Glucose 1Hr, Glucose 90 Min, Glucose 2Hr, Glucose 3Hr</td>
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<td>ASTM/HL7/SDF:</td>
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<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**

Patient Preparation: Patient should fast for 12 hours preceding collection of specimen. Draw Fasting Glucose specimen before administering Glucose drink. Patient should be given 75 grams of glucose drink and should be consumed in 5 minutes. If patient is a pediatric patient and weighs less than 94 pounds, amount given is based on patient weight. Calculate appropriate amount using one of the factors below:

- 0.8 grams/pound or 1.75 grams/Kilogram of body weight

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Lipemia, Improper Container or Labeling.

Methodology: Glucose Oxidase

Specimen Referral: None
NAME: 5HR GLUCOSE TOLERANCE  
ABBREVIATION: 888097  
SPECIMEN TYPE: Serum  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 888097  
INSTRUMENT/LOC: DXC  
TUBE/CONTAINER: LT GRN (1)  
TESTS: Glucose Fasting, Glucose 30 Min, Glucose 1Hr, Glucose 2Hr, Glucose 3Hr, Glucose 4Hr, Glucose 5Hr  
INFORMATION: Draw Fasting Baseline, GIVE PT 100 GRAMS GLUCOLA  
Draw Lt GRN for 30 MIN, 1 HR, 2 HR, 3 HR, 4 HR, 5 HR Post GLUCOLA, Mix, Room Temp  
DOCUMENT DRAW TIMES ON TUBES.  
ASTM/HL7/SDF 1: 888097  
CPL: 2132  
ZCPL: 2132  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Patient Preparation: Patient should fast for 12 hours preceding collection of specimen.  
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 2 days  
Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Lipemia, Improper Container or Labeling.  
Methodology: Glucose Oxidase  
Specimen Referral: None
Order Choice Information

**NAME:** URINE CYTOPATHOLOGY  
**ABBREVIATION:** 888100  
**SPECIMEN TYPE:** 2NDMU  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 888100  
**INSTRUMENT/LOC:** PATH ML  
**TUBE/CONTAINER:** CUP (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** 2nd VOIED MORNING URINE; refrigerate and take to Cyto/Histo  
**ASTM/HL7/SDF 1:** 888100  
**CPL:** 8200  
**ZCPL:** 8200  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Urine, Bladder Washings/Lavage  

Patient preparation: Hydrate patient (give several glasses of water 30 minutes to one hour prior to collection).

Specimen collection (routine): Sterile plastic urine container. Voided urine should be obtained 3 to 4 hours after the patient has last urinated. First morning voided urine specimens should be avoided.

Specimen storage and preservation:
- Room Temperature (20-30 degree C) 12 hours
- Refrigerated (2 - 8 degree C) 12 - 24 hours after collection
- Frozen: Rejected

Conditions for specimen transportation: Transport at room temperature within 12 hours. After 12 to 24 hours refrigeration is recommended, and if more than 24 hours preservation with equal volume of PreservCyt Solution is recommended to avoid degeneration.

Specimen processing: For Urine and Bladder Washings Cytocentrifugation, and thinlayer methods are used. Slides prepared are fixed in 95% alcohol and stained with the Papanicolaou stain.

Specimen acceptability: Sterile container

Specimen rejection: Improper labeling; improper fixation; undue delay in transport; specimen submitted in vial that expired according to manufacturer's label.

Freeze/Thaw rejected is frozen

Methodology: The fluid will be centrifuged, supernatant poured off, and diagnostic cells aspirated from the remaining material. ThinPrep will be made. Microscopic examination is performed.

Specimen referral: none
Order Choice Information

NAME: SPUTUM CYTOPATHOLOGY
ABBREVIATION: 888101
SPECIMEN TYPE: SPUTUM
STORAGE TEMP: REFRIG
CPT CODE(S): 888101
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CUP (1), SEE HANDLING (1)
TESTS: No tests in this specimen
INFORMATION: FIRST MORNING SAMPLE PREFERRED
ASTM/HL7/SDF 1: 888101
CPL: 8000-1
ZCPL: 8000-1
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NAME: EPSTEIN BARR VIRUS PANEL
ABBREVIATION: 888102
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 888102
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 888102
CPL: 4550
ZCPL: 4550
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>BLOOD TYPE ,RH, AB SCREEN</th>
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<tbody>
<tr>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>EDTA WB</td>
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<td>INSTRUMENT/LOC:</td>
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<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
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</tr>
<tr>
<td>NOTES:</td>
<td>Patient preparation: N/A</td>
</tr>
</tbody>
</table>

Specimen collection: 3 tubes EDTA whole blood, Lavender top tube

Specimen processing: Well mixed sample

Specimen storage and preservation:
- Room Temperature (15 - 30°C) 24 hours
- Refrigerated (2 - 8°C) 7 days
- Frozen (-20°C) N/A

Conditions for specimen transportation: Room temperature

Specimen acceptability: EDTA whole blood, 3 tubes

Specimen rejection: Short samples; Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; specimen received with plasma removed (plasma is used for other testing)

Freeze/Thaw: N/A

Methodology: Tango Optimo Automated Blood Bank Analyzer

Specimen referral: Samples with a positive antibody screen will be sent to CPL for confirmation testing
Order Choice Information

NAME: THYROID AUTO ANTIBODIES
ABBREVIATION: 888109
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 888109
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: ALQ1 (1), SST GOLD (1)
TESTS: Thyroglobulin Antibody , Thyroperoxidase Antibody
INFORMATION: Within two hours after centrifugation, transfer cell-free serum to an aliquot tube.
Tightly stopper the tube immediately.
ASTM/HL7/SDF 1: 888109
CPL: 4610
ZCPL: 4610
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: SST Serum

Specimen Processing: Centrifuge @ 3000 rpm for 10 minutes.
Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
If testing not done within 2 hours, transfer into aliquot tube.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation: Aliquot within 2 hours for transportation.
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - Serum only
Freeze Thaw Cycle: 2 cycle
Specimen Rejection: Hemolyzed, Grossly Lipemic, Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
NAME: HEPATITIS C REFLEX PCR QNT
ABBREVIATION: 888117
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86803
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 888117
CPL: 4677
ZCPL: 4677
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.
Note: reactive antibody results are reflexed to Hepatitis C,
PCR quantitative assay. Reactive HCV PCR results establish
active, viremic HCV infection. Non-reactive HCV PCR results
do not exclude inactive Hepatitis C, low level infection
below limit of detection, or specimen sampling or collection
error.

Volume
1.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days room temperature; 7 days refrigerated; >7 days frozen

Specimen Rejection:
Gross hemolysis
pooled samples
heat-inactivated samples
samples with obvious microbial contamination

Methodology:
Chemiluminescent microparticle immunoassay (CMIA) or other automated method

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>CMT1A ANALYSIS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>888119</td>
</tr>
<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>NAHEP WB</td>
</tr>
<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>RM TEMP</td>
</tr>
<tr>
<td><strong>CPT CODE(S):</strong></td>
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<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>CPL NAHEP DK GRN (1)</td>
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<tr>
<td><strong>TESTS:</strong></td>
<td>No tests in this specimen</td>
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<tr>
<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>888119</td>
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<tr>
<td><strong>CPL:</strong></td>
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<td><strong>ZCPL:</strong></td>
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<td><strong>VALID ICD-10 CODES:</strong></td>
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### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: HUNTINGTON'S MUTATION DNA DETE</th>
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<tbody>
<tr>
<td>ABBREVIATION: 888122</td>
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<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 888122</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL LAV1 (1), CPL LAV2 (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: 5 ML EDTA WHOLE BLOOD. REFRIGERATE. PLEASE CONTACT REFERRAL TESTING PRIOR TO DRAWING THIS TEST. A COMPLETED CONSENT FORM IS REQUIRED. TEST NOT AVAILABLE FOR PATIENTS &lt;18 YEARS OLD.</td>
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<td>CPL: 5228</td>
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<td>ZCPL: 5228</td>
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<tr>
<td>VALID ICD-9 CODES: Yes</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: Specimen Collection: EDTA (lavender top) tube</td>
</tr>
<tr>
<td>Specimen Processing: 5 mL EDTA whole blood. Refrigerate. Please contact referral testing prior to drawing this test. A completed consent form is required. Test is not available for patients less than 18 years old.</td>
</tr>
<tr>
<td>Volume 5 mL whole blood</td>
</tr>
<tr>
<td>Conditions for specimen transportation: Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability: 3 days room temperature; 1 week refrigerated;</td>
</tr>
<tr>
<td>Specimen Rejection: Clotted samples</td>
</tr>
<tr>
<td>Methodology: Polymerase chain reaction (PCR)</td>
</tr>
<tr>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

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**Texas License 34139**
**ASCP M.D.S. 111784**
**References: 119-30, 100-29**

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The Austin Diagnostic Clinic Laboratory
12221 North Mopac Expressway
AUSTIN, TX  78758

Printed on: January 29, 2016  3:28 PM
Page: 416
<table>
<thead>
<tr>
<th>NAME: MYOTONIC DYSTROPHY</th>
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<tbody>
<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
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<td>TUBE/CONTAINER: CPL LAV1 (1), CPL LAV2 (1), CPL LAV3 (1)</td>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>INFORMATION: LAV X3, 15 mls EDTA whole blood, ROOM TEMP. HISTORY/CONSENT required.</td>
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<td>CPL: 5566</td>
<td>ZCPL: 5566</td>
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<tr>
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<td>VALID ICD-10 CODES: No</td>
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<td>NOTES: Specimen Collection: EDTA (lavender top) tube</td>
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<tr>
<td>Specimen Processing: 15 mL EDTA whole blood. Room temperature. Family history and consent must be included with request.</td>
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<td>Volume 15 mL whole blood</td>
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<td>Conditions for specimen transportation: Room temperature</td>
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<tr>
<td>Specimen Acceptability: Not determined</td>
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<tr>
<td>Specimen Rejection: Gross hemolysis</td>
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<tr>
<td>Methodology: Direct mutation analysis/polymerase chain reaction</td>
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<tr>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
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<tr>
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<td>Serum</td>
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<td>INSTRUMENT/LOC:</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL TIGER SST (1)</td>
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<td>TESTS:</td>
<td>No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1:</td>
<td>888128</td>
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<tr>
<td>CPL:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>SST Tiger top</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>3mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume:</td>
<td>3 mL plasma</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Frozen</td>
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<tr>
<td>Specimen Acceptability:</td>
<td>EDTA (lavender top) tube, plasma.</td>
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<td>Specimen Rejection:</td>
<td>hemolysis</td>
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<td>Methodology:</td>
<td>PCR</td>
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<td>Specimen Referral:</td>
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<td>Testing Location:</td>
<td>Sonic Reference Laboratory, Inc.</td>
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## Order Choice Information

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<td>SPECIMEN TYPE:</td>
<td>SEE HANDLING</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN and RT</td>
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<td>CPT CODE(S):</td>
<td>888144</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL LAV1 (1), CPL LAV2 (1), CPL PLAIN RED (1), CPL SRM FZN (1)</td>
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<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>INFORMATION:</td>
<td>PL RED, FREEZE SERUM, CRITICAL FROZEN</td>
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<tr>
<td>10 ML EDTA WB CRITICAL ROOM TEMP</td>
<td>DRAW MON-THUR ONLY.</td>
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<td>INDICATE ON CR FZN TUBE- PL RED TOP</td>
<td>ASTM/HL7/SDF 1: 888144</td>
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<td>CPL:</td>
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<td>ZCPL:</td>
<td>4512</td>
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<td>VALID ICD-9 CODES:</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: EDTA (lavender top) tube and plain red top tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>10 mL EDTA whole blood. Critical room temperature (CRT). Collect sample only Monday through Thursday.</td>
</tr>
<tr>
<td></td>
<td>1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze.</td>
</tr>
<tr>
<td></td>
<td>Note: for newborns less than 30 days old, collect sample from the mother.</td>
</tr>
<tr>
<td>Volume</td>
<td>10 mL whole blood and 1 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Critical room temperature (CRT) for whole blood frozen for serum</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>Whole blood: 2 days room temperature;</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis</td>
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<tr>
<td>Methodology:</td>
<td>Flow cytometry and enzyme-linked immunosorbent</td>
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<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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</table>
Order Choice Information

NAME: VON WILLEBRAND PANEL II
ABBREVIATION: 888147
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 85240, 85245, 85246
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ1 (1), CPL ALQ2 (1), CPL LT BLUE1 (1), CPL LT BLUE2 (1)
TESTS: No tests in this specimen
INFORMATION: LT BLUEX2, FREEZE PLASMA 2 ALQ’S.
ASTM/HL7/SDF 1: 888147
CPL: 403
LABCORP: 084715
ZCPL: 403
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Citrate (light blue top) tube

Specimen Processing:
5 mL platelet-poor citrate plasma. Fill 4 light blue top tubes as far as the vacuum will allow. Each tube must be properly filled as the appropriate ratio of blood to anticoagulant is critical to testing. Centrifuge samples at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from each sample using a plastic transfer pipette. Place equal amounts of plasma (minimum of 1 mL) into each of 4 properly labeled plastic transport tubes and clearly mark each sample as citrate plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tubes for this test.

Volume
4 mL

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature;

Specimen Rejection:
Room temperature samples

Methodology:
Immunoturbidometric assay

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: PROTEIN/CREATININE EXCRET SPOT
ABBREVIATION: 888148
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP URINE
CPT CODE(S): 888148
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: RU CUP (1)
TESTS: Protein Ur Conc., Creatinine Ur Conc., Protein/Creatinine Ratio
ASTM/HL7/SDF 1: 888148
CPL: 2159
ZCPL: 2159
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None
Specimen collection: Random Urine Cup
Specimen processing: None
Specimen storage and preservation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) 3 days
**CPL-REFRIGERATE**
Conditions for specimen transportation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.
**CPL-REFRIGERATE**
Specimen acceptability: Urine only
Freeze/Thaw: N/A
Specimen rejection: Improper Collection or Labeling
Methodology: See Individual tests
Specimen Referral: None
Order Choice Information

NAME: BCR-ABL1 QUAL, RFLX QUANT
ABBREVIATION: 888150
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 81206, 81207
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
INFORMATION: DRAW MON-THURS ONLY.
ASTM/HL7/SDF 1: 888150
CPL: 5234
LABCORP: 480481
ZCPL: 5234
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA (lavender top) whole blood. Sample must be received within 24 hours of collection. Collect sample Monday through Friday only. Refrigerate.

Volume
5 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 hour room temperature; 2 days refrigerated;

Specimen Rejection:
Frozen samples

Methodology:
Reverse transcription polymerase chain reaction

Specimen Referral:
Clinical Pathology Laboratories
<table>
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<th>NAME: SENSORIMOTOR NEUROPATHY</th>
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<tr>
<td>ABBREVIATION: 888151</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: CR FZN</td>
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<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (1), CPL SRM FZN (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 888151</td>
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<td>CPL: 4422</td>
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<td>ZCPL: 4422</td>
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<td>NOTES:</td>
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<tr>
<td>Specimen Collection:</td>
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<tr>
<td>Serum separator tube</td>
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<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>2 mL serum. Allow SST to clot in an upright position for</td>
</tr>
<tr>
<td>at least 30 minutes, then centrifuge sample within 2 hours</td>
</tr>
<tr>
<td>of collection. Transfer serum to a plastic transport tube.</td>
</tr>
<tr>
<td>Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>2 mL</td>
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<td>Conditions for specimen transportation:</td>
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<td>Refrigerated</td>
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<tr>
<td>Specimen Acceptability:</td>
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<tr>
<td>After separation from cells:</td>
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<tr>
<td>Specimen Rejection:</td>
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<tr>
<td>Hemolysis</td>
</tr>
<tr>
<td>Methodology:</td>
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<tr>
<td>Semi-quantitative enzyme-linked immunosorbent</td>
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<td>Specimen Referral:</td>
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<td>Clinical Pathology Laboratories</td>
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NAME: CHLAMYDIA ANTIBODY PANEL
ABBREVIATION: 888155
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 888155
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 888155
CPL: 4130
ZCPL: 4130
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label samples as acute or convalescent.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Hemolysis

Methodology:
Indirect fluorescent antibody (IFA)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<td>TESTS:</td>
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<td>CPL:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label samples as acute or convalescent.</td>
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<tr>
<td>Volume</td>
<td>1 mL serum</td>
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<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
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<tr>
<td>Specimen Acceptability:</td>
<td>After separation from cells:</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Gross lipemia</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Complement fixation (cf)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
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</table>

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**The Austin Diagnostic Clinic Laboratory**  
12221 North Mopac Expressway  
AUSTIN, TX  78758  

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Printed on: January 29, 2016  3:28 PM  
Page: 425
|| NAME: FACTOR V LEIDEN  
| ABBREVIATION: 888212  
| SPECIMEN TYPE: EDTA WB  
| STORAGE TEMP: REFRIG  
| CPT CODE(S): 81241  
| INSTRUMENT/LOC: CPL  
| TUBE/CONTAINER: CPL LAV (1)  
| TESTS: No tests in this specimen  
| ASTM/HL7/SDF 1: 888212  
| CPL: 4845  
| LABCORP: 511154  
| ZCPL: 4845  
| VALID ICD-9 CODES: Yes  
| VALID ICD-10 CODES: No  
| NOTES: Specimen Collection: EDTA (lavender top) tube  
| Specimen Processing: 5 mL EDTA whole blood. Critical refrigerate (CRF).  
| Volume: 5 mL whole blood  
| Conditions for specimen transportation: Critical refrigerated (CRF)  
| Specimen Acceptability: 1 week refrigerated  
| Specimen Rejection: Clotted samples  
| Methodology: Polymerase chain reaction (PCR)/melting curve  
| Specimen Referral: Clinical Pathology Laboratories
**Order Choice Information**

<table>
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<tr>
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<td>RM TEMP</td>
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<td>CPT CODE(S)</td>
<td>888214</td>
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<td>INSTRUMENT/LOC</td>
<td>DXC</td>
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<td>TUBE/CONTAINER</td>
<td>LT GRN (1)</td>
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<tr>
<td>TESTS:</td>
<td>Glucose Fasting, Glucose 30 Min, Glucose 1Hr, Glucose 2Hr, Glucose 3Hr, Glucose 4Hr</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>Draw Fasting Baseline, Give PT 75 gram Glucose Load</td>
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<tr>
<td></td>
<td>Draw LiHep for 30 MIN, 1 HR, 2 HR, 3 HR, 4 HR Post Glucose Load</td>
</tr>
<tr>
<td></td>
<td>Document on Time draw sheet time drink was finished; Also document time drawn on Tubes and Time Draw Sheet.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>888214</td>
</tr>
<tr>
<td>CPL:</td>
<td>2112</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>2112</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Patient Preparation: Patient should fast for 12 hours preceding collection of specimen. Draw Fasting Glucose specimen before administering Glucose drink. Patient should be given 75 grams of glucose drink and should be consumed in 5 minutes. If patient is a pediatric patient and weighs less than 94 pounds, amount given is based on patient weight. Calculate appropriate amount using one of the factors below: 0.8 grams/pound or 1.75 grams/Kilogram of body weight</td>
</tr>
<tr>
<td>Specimen Collection:</td>
<td>Lithium Heparin Plasma (preferred) or SST Serum</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
</tr>
<tr>
<td>Specimen Storage and Preservation:</td>
<td>Room Temperature (15 to 30°C) 8 hours</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 to 8°C) 2 days</td>
</tr>
<tr>
<td></td>
<td>Frozen Aliquot (-20°C) 7 days</td>
</tr>
<tr>
<td>Conditions for Specimen Transportation:</td>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>SST - SERUM</td>
</tr>
<tr>
<td>Freeze Thaw Cycle:</td>
<td>1 cycle</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Lipemia, Improper Container or Labeling.</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Glucose Oxidase</td>
</tr>
<tr>
<td>Specimen Referral: None</td>
<td></td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: HELICOBACTER PYLORI IGM, IGG, IGA QUANT
ABBREVIATION: 888218
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86677
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 888218
CPL: 4609
ZCPL: 4609
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
3 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 7 days refrigerated;

Specimen Rejection:
Hemolysis

Methodology:
Igg: chemiluminescence

Specimen Referral:
Clinical Pathology Laboratories
## PARVOVIRUS by PCR

<table>
<thead>
<tr>
<th>NAME:</th>
<th>PARVOVIRUS by PCR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>888221</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>87798</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SERUM ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>888221</td>
</tr>
<tr>
<td>CPL:</td>
<td>5345</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>5345</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.6 mL</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>Serum or plasma after separation from cells, csf, amniotic fluid: 8 hours room temperature; 3 days refrigerated; 6 months frozen paraffin-embedded tissue: indefinite room temperature; 2 weeks refrigerated; unacceptable frozen fresh tissue: unacceptable room temperature; unacceptable refrigerated; 6 months frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Bone marrow samples submitted in leaking containers heparin whole blood</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Polymerase chain reaction (PCR)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>TESTOSTERONE, BIOAVAILABLE, FREE AND TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>888228</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>84403, 84270</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>888228</td>
</tr>
<tr>
<td>CPL:</td>
<td>4143</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>4143</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

### NOTES:
- Specimen Collection:
  - Serum separator tube

- Specimen Processing:
  - 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

- Note: This test is not recommended for women or children. Do not collect samples from patients receiving therapy with high biotin doses (>5 mg/day) until at least 8 hours following the last biotin administration. Do not collect samples from patients receiving nandrolone treatment. Certain synthetic androgens may not be detected with assay.

### Volume
- 2 mL serum

### Conditions for specimen transportation:
- Refrigerated

### Specimen Acceptability:
- After separation from cells:

### Specimen Rejections:
- EDTA plasma

### Methodology:
- Electrochemiluminescent immunoassay (eclia)

### Specimen Referral:
- Clinical Pathology Laboratories
### Multiple Sclerosis Panel

**Order Choice Information**

<table>
<thead>
<tr>
<th>Name: Multiple Sclerosis Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviation: 888229</td>
</tr>
<tr>
<td>Specimen Type: See Handling</td>
</tr>
<tr>
<td>Storage Temp: Refriger</td>
</tr>
<tr>
<td>CPT Code(s): 82040, 82042, 82784 X2, 83873, 83916</td>
</tr>
<tr>
<td>Instrument/LOC: CPL</td>
</tr>
<tr>
<td>Tube/Container: C4896 CSF (1), C4896 PLR (1), C4896A SRM FZN (1)</td>
</tr>
<tr>
<td>Tests: No tests in this specimen</td>
</tr>
<tr>
<td>Information: 2ML CSF AND 1 ML SERUM MUST BE COLLECTED WITHIN 2 DAY PERIOD. FREEZE SERUM ASTM/HL7/SDF 1: 888229</td>
</tr>
<tr>
<td>CPL: 4896</td>
</tr>
<tr>
<td>ZCPL: 4896</td>
</tr>
<tr>
<td>Valid ICD-9 Codes: No</td>
</tr>
<tr>
<td>Valid ICD-10 Codes: No</td>
</tr>
<tr>
<td>Notes: Specimen Collection: CSF collection container and serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing: 2 mL cerebral spinal fluid and 1 mL serum collected within the same 2 day period. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Samples must be assayed together for interpretation. When multiple tests are ordered, submit separate tubes for this test.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>2 mL CSF</td>
</tr>
<tr>
<td>Conditions for specimen transportation: Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability: 8 hours room temperature; 1 week refrigerated;</td>
</tr>
<tr>
<td>Specimen Rejection: Hemolysis</td>
</tr>
<tr>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

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**The Austin Diagnostic Clinic Laboratory**
12221 North Mopac Expressway
AUSTIN, TX  78758

[Lab Services]
512-901-3500  •  ADClinic.com

Printed on: January 29, 2016  3:28 PM  Page: 431
NAME: THYROID GLOBULIN ASSAY AND AB
ABBREVIATION: 888274
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 888274
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: ALQ1 (1), SST GOLD (1)
TESTS: Thyroglobulin Antibody, Thyroglobulin Assay
INFORMATION: Within two hours after centrifugation, transfer cell-free serum to an aliquot tube. Tightly stopper the tube immediately.
ASTM/HL7/SDF 1: 888274
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: SST Serum

Specimen Processing: Centrifuge @ 3000 rpm for 10 minutes. Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample. If testing not done within 2 hours, transfer into aliquot tube.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation: Aliquot within 2 hours for transportation. Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - Serum only
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
Order Choice Information

NAME: IMMUNOELECTROPHOR 24 HR UR(CPL)
ABBREVIATION: 888307
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP
CPT CODE(S): 84156, 86335
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24U ALQ (1), URINE ALQ 50ML (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 888307
CPL: 2745
ZCPL: 2745
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
50 mL aliquot of 24 hr urine or first morning specimen.
Refrigerate.

Volume
50 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week refrigerated; 1 month frozen

Specimen Rejection:
Samples preserved with boric acid

Methodology:
Immunofixation

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>HEMOCHROMATOSIS C282Y GENE PCR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>888308</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>EDTA WB</td>
</tr>
</tbody>
</table>
| STORAGE TEMP: | REFRI
| CPT CODE(S): | 81256 |
| INSTRUMENT/LOC: | CPL |
| TUBE/CONTAINER: | CPL LAV1 (1), CPL LAV2 (1) |
| TESTS: | No tests in this specimen |
| ASTM/HL7/SDF 1: | 888308 |
| CPL: | 4847 |
| LABCORP: | 511345 |
| ZCPL: | 4847 |
| VALID ICD-9 CODES: | Yes |
| VALID ICD-10 CODES: | No |
| NOTES: | Specimen Collection: EDTA (lavender top) tube |
| | Specimen Processing: 5 mL EDTA whole blood. Critical refrigerate (CRF). |
| | Volume 5 mL whole blood |
| | Conditions for specimen transportation: Critical refrigerated (CRF) |
| | Specimen Acceptability: 1 week refrigerated |
| | Specimen Rejection: Clotted samples |
| | Methodology: Pyrosequencing |
| | Specimen Referral: Clinical Pathology Laboratories |
Name: Chromosome Analysis POC
Abbreviation: 888310
Specimen Type: RPMI Media
Storage Temp: REFRIG
CPT Code(s): 88233, 88262, 88291
Instrument/LOC: CPL
Tube/Container: RPMI MEDIA (1)
Tests: No tests in this specimen
ASTM/HL7/SDF 1: AP888310
CPL: 5216
Quest: 5216
Labcorp: 052068
ZCPL: 5216
Valid ICD-9 Codes: No
Valid ICD-10 Codes: Yes
Notes: Specimen Processing:
Tissue from product of conception (fetal). Refrigerate.
A completed history form must accompany sample

Specimen Referral:
Clinical Pathology Laboratories
Name: FREE THYROXINE BY DIALYSIS
Abbreviation: 888311
Specimen Type: Serum
Storage Temp: REFRIG
CPT Code(s): 888311
Instrument/LOC: CPL
Tube/Container: CPL ALQ (1), CPL PLAIN RED (1)
Tests: No tests in this specimen
ASTM/HL7/SDF 1: 888311
CPL: 5692
ZCPL: 5692
Valid ICD-9 Codes: Yes
Valid ICD-10 Codes: No
Notes:
Specimen Collection:
Plain red top tube

Specimen Processing:
2 mL serum from a plain red top tube. Allow sample to
clot in an upright position for at least 60 minutes, then
centrifuge sample and transfer serum to a plastic transport
tube within 2 hours of collection. Refrigerate.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 4 days room temperature; 2 weeks refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
samples collected in serum separator tube

Methodology:
Equilibrium dialysis/high performance liquid chromatography-tandem mass spectrometry (hplc-ms/ms)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>STONE RISK DX PROFILE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>888312</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Urine</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>888312</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>SEE HANDLING (1), STONE RISK KIT (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>OBTAIN STONE RISK KIT FROM CPL PRIOR TO 24 HR COLLECTION. COMPLETE SPECIAL REQUISITION OBTAINED FROM KIT. FOLLOW SPECIAL PROCESSING INSTRUCTIONS FOR 2 ALQS IN KIT. SEND DIRECTLY TO CPL.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>888312</td>
</tr>
<tr>
<td>CPL:</td>
<td>4923</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>4923</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>Sample should be refrigerated during collection.</td>
<td></td>
</tr>
</tbody>
</table>

**Specimen Processing:**
24 hr urine sample in stone risk collection kit. Sample should be refrigerated during collection.

**Transport Temperature:** Room Temperature

**Specimen Stability:** 2-4 hours refrigerated in mission collection kit

**Methodology:** Ise, colorimetric, freezing poing

**Rejection Criteria:** Samples not collected in stone risk container

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: ANCA C&P
ABBREVIATION: 888314
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 888314
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 888314
CPL: 4511
ZCPL: 4511
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
8 hours room temperature; 2 days refrigerated;

Specimen Rejection:
Gross hemolysis

Methodology:
Semi-quantitative IFA

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: INSULIN FREE AND TOTAL
ABBREVIATION: 888315
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 888315
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL PLAIN RED (1), CPL SRM FZN (1)
TESTS: No tests in this specimen
INFORMATION: Separate serum from cells immediately and freeze. Fasting is preferred.
ASTM/HL7/SDF 1: 888315
CPL: 5040
ZCPL: 5040
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Fasting sample is preferred. When multiple tests are ordered, submit separate tube for this test.

Volume
2 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Hemolysis

Methodology:
Ultrafiltration/chemiluminescent immunoassay

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>BONE MARROW CHROM ANALYSIS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>888322</td>
</tr>
<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>BONE MAR</td>
</tr>
<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>RM TEMP</td>
</tr>
<tr>
<td><strong>CPT CODE(S):</strong></td>
<td>888322</td>
</tr>
<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>C5207 BM DKGRN (1)</td>
</tr>
<tr>
<td><strong>TESTS:</strong></td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td><strong>INFORMATION:</strong></td>
<td>COMPLETE HISTORY FORM REQUIRED. PLACE BM FROM 1ST ASPIRATE INTO DK GREEN TOP TUBE. ASTM/HL7/SDF 1: 888322</td>
</tr>
<tr>
<td><strong>CPL:</strong></td>
<td>5207</td>
</tr>
<tr>
<td><strong>LABCORP:</strong></td>
<td>052001</td>
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<tr>
<td><strong>ZCPL:</strong></td>
<td>5207</td>
</tr>
<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>NOTES:</strong></td>
<td>Specimen Processing: 3 mL sodium heparin bone marrow. Refrigerate. A completed history form must accompany sample.</td>
</tr>
<tr>
<td><strong>Specimen Referral:</strong></td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: THIOPURINE (TPMT) METHYL TRANS</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION: 888323</td>
</tr>
<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
</tr>
<tr>
<td>STORAGE TEMP: REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 888323</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL LAV (2)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: 5 mL whole blood</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 888323</td>
</tr>
<tr>
<td>CPL: 5418</td>
</tr>
<tr>
<td>ZCPL: 5418</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: Yes</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>EDTA (lavender top) tube</td>
</tr>
</tbody>
</table>

Specimen Processing:
5 mL EDTA whole blood. Refrigerate.

Volume
5 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
8 days room temperature; 8 days refrigerated;

Specimen Rejection:
Frozen samples

Methodology:
Polymerase chain reaction (PCR)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** INFLUENZA B IGG & IGM  
**ABBREVIATION:** 888324  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 888324  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF:** 888324  
**CPL:** 4670  
**ZCPL:** 4670  
**VALID ICD9 CODES:** No  
**VALID ICD10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.  
Volume  
2 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
After separation from cells:  
Specimen Rejection:  
Hemolysis  
Methodology:  
Enzyme-linked immunosorbent assay (ELISA)  
Specimen Referral:  
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>TRYPANSOMA AB IGG (CHAGAS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>888329</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>86753</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>888329</td>
</tr>
<tr>
<td>CPL:</td>
<td>5583</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>5583</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

### NOTES:
- **Specimen Collection:**
  - Serum separator tube

- **Specimen Processing:**
  - 0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent. Note: This assay should not be used for blood donors screening or associated re-entry protocols, or for screening human cell and cellular tissue-based products (HCT/PS).

- **Volume:**
  - 0.1 mL serum

- **Conditions for specimen transportation:**
  - Refrigerated

- **Specimen Acceptability:**
  - After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

- **Specimen Rejection:**
  - Hemolysis
  - Lipemia
  - Icterus
  - Contaminated samples
  - Heat-inactivated samples
  - Turbid samples
  - Plasma

- **Methodology:**
  - Immunnoassay

- **Specimen Referral:**
  - Clinical Pathology Laboratories
### Order Choice Information

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<thead>
<tr>
<th>Name:</th>
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<tbody>
<tr>
<td>Abbreviation:</td>
<td>888330</td>
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<tr>
<td>Specimen Type:</td>
<td>Serum</td>
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<tr>
<td>Storage Temp:</td>
<td>CR FZN</td>
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<tr>
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<td>CPL</td>
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<td>Tube/Container:</td>
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<td>CPL:</td>
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<td><strong>Order Choice Information</strong></td>
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<tr>
<td>NAME: CHLAMYDIA/GONORRHEA DNA SWAB</td>
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<tr>
<td>ABBREVIATION: 888337</td>
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<td>SPECIMEN TYPE: Swab CTNG</td>
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<td>STORAGE TEMP: RM TEMP</td>
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<td>CPT CODE(S): 888337</td>
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<tr>
<td>INSTRUMENT/LOC: COBAS 4800</td>
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<tr>
<td>TUBE/CONTAINER: SWAB (1)</td>
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<td>TESTS: Chlamydia trachomatis, Neisseria gonorrhoea, CTNG order</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
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</table>

**NOTES:**

**Patient preparation:**
None

**Test includes:**
C. trachomatis (CT), N. gonorrhoeae (NG)

**Specimen collection:**
Endocervical swab and vaginal swab specimens collected with the cobas® PCR Female Swab Sample Kit

**Specimen storage and preservation:**
Stored at 2-30 °C for up to 6 months

**Conditions for specimen transportation:**
transported at 2-30°C

**Specimen processing:**
None

**Specimen acceptability:**
Endocervical swab and vaginal swab specimens collected with the cobas® PCR Female Swab Sample Kit in clinic setting

**Specimen rejection:**
Specimen collected in non cobas® PCR Female Swab Sample Kit; vaginal swab specimen collected by patient at home; Frozen

**Freeze/Thaw:**
Do not freeze

**Methodology:**
Polymerase Chain Reaction (PCR)

**Specimen referral:**
Positive specimens are reported to the Texas Department of State and Health Services
### Order Choice Information

**NAME:** MYESTHENIA GRAVIS I  
**ABBREVIATION:** 888338  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 888338  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C4417 PLRED (1), C4417A1 SRM (1), C4417A2 SRM (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PLRED, ALQX2, REFRIGERATE SERUM.  
**ASTM/HL7/SDF 1:** 888338  
**CPL:** 4417  
**ZCPL:** 4417  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  

**Volume**  
1 mL serum  

**Conditions for specimen transportation:**  
Refrigerated  

Specimen Acceptability:  
After separation from cells:  

Specimen Rejection:  
Hemolysis  

**Methodology:**  
Radioimmunoassay (ria);  

Specimen Referral:  
Clinical Pathology Laboratories
### Order Choice Information

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<thead>
<tr>
<th>NAME:</th>
<th>AC WEST NILE VIRUS IGG/IGM</th>
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<tr>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>STORAGE TEMP:</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. NOTE: PARALLEL TESTING IS PREFERRED AND CONVALESCENT SAMPLES MUST BE RECEIVED WITHIN 30 DAYS OF RECEIPT OF ACUTE SAMPLES. CLEARLY LABEL SAMPLES AS ACUTE OR CONVALESCENT.</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
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<tr>
<td></td>
<td>Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label samples as acute or convalescent.</td>
</tr>
<tr>
<td></td>
<td>Volume 1 mL serum</td>
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<tr>
<td></td>
<td>Conditions for specimen transportation: Refrigerated</td>
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<tr>
<td></td>
<td>Specimen Acceptability: After separation from cells:</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Hemolysis</td>
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<tr>
<td></td>
<td>Methodology: Semi-quantitative enzyme-linked immunosorbent</td>
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<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
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</tbody>
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### Specimen Collection:

Serum separator tube

### Specimen Processing:

1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label samples as acute or convalescent.

### Volume

1 mL serum

### Conditions for specimen transportation:

Refrigerated

### Specimen Acceptability:

After separation from cells:

### Specimen Rejection:

Hemolysis

### Methodology:

Semi-quantitative enzyme-linked immunosorbent

### Specimen Referral:

Clinical Pathology Laboratories
NAME: COXSACKIE B ANTIBODIES
ABBREVIATION: 888344
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 888344
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: Mark sample and req with acute or convalescent status.
ASTM/HL7/SDF 1: 888344
CPL: 4539
ZCPL: 4539
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Room temperature.

Volume
2 mL serum

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
1 week room temperature; 2 weeks refrigerated;

Methodology:
Complement fixation (cf)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: QUAD SCREEN</th>
<th>ABBREVIATION: 888347</th>
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<tbody>
<tr>
<td>SPECIMEN TYPE: Serum</td>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 888347</td>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: C5375 SST (1)</td>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: HISTORY FORM REQUIRED.</td>
<td>ASTM/HL7/SDF 1: 888347</td>
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<td>CPL: 5375</td>
<td>ZCPL: 5375</td>
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<tr>
<td>VALID ICD-9 CODES: Yes</td>
<td>VALID ICD-10 CODES: No</td>
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<td>NOTES: Specimen Processing: 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Room temperature. Interpretation based on gestational age 14 weeks 0 days to 21 weeks 6 days. A completed history form must accompany sample.</td>
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</table>

### Specimen Referral:
Clinical Pathology Laboratories

<table>
<thead>
<tr>
<th>NAME: MENINGITIS ANTIGEN PANEL</th>
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<tbody>
<tr>
<td>SPECIMEN TYPE: Spinal Fluid</td>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 888348</td>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL PLAIN RED (1)</td>
<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 888348</td>
<td>CPL: 6058</td>
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<td>ZCPL: 6058</td>
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# Order Choice Information

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<td>INFORMATION:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Patient Processing: 3 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 1 hour of collection. Critical refrigerate (CRF).</td>
</tr>
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<td>Specimen Collection:</td>
<td>Serum separator tube</td>
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<tr>
<td>Volume</td>
<td>3 mL</td>
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<td>Conditions for specimen transportation:</td>
<td>Critical refrigerated (CRF)</td>
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<td>Unacceptable room temperature;</td>
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<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis</td>
</tr>
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<td>Methodology:</td>
<td>Ultracentrifugation</td>
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**Order Choice Information**

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<td>CPT CODE(S):</td>
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<td>CPL</td>
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<td>TUBE/CONTAINER:</td>
<td>CPL SERUM ALQ (1), CPL SST GOLD (1)</td>
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<td>TESTS:</td>
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<tr>
<td>INFORMATION:</td>
<td>CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. REFRIG.</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
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</table>
| NOTES: | Specimen Collection: 
Serum separator tube |

Specimen Processing:
1.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Clearly label sample as pre or post vaccine. Post samples should be collected 30 days after immunization.

Volume
0.25 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
contaminated samples
plasma samples
body fluid samples
avoid repeated freeze/thaw cycles

Methodology:
Multiplex bead assay

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

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<thead>
<tr>
<th><strong>NAME:</strong> BRUCELLA AB</th>
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<td><strong>CPT CODE(S):</strong> 888360</td>
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<tr>
<td>Specimen Collection:</td>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.5 mL serum</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>3 days refrigerated; 1 year frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis</td>
</tr>
<tr>
<td>lipemia</td>
<td>contaminated samples</td>
</tr>
<tr>
<td>heat-inactivated samples</td>
<td>avoid repeated freeze/thaw cycles</td>
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<tr>
<td>Methodology:</td>
<td>Semi-quantitative agglutination</td>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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Order Choice Information

NAME: INSULIN TOL W/CORTISOL-6 SPEC
ABBREVIATION: 888367
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 888367
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Cortisol Base, Cortisol -2 specimen, Cortisol -3 specimen, Cortisol -4 specimen, Cortisol -5 specimen, Cortisol -6 specimen, Glucose Baseline, Glucose- 2 specimen, Glucose- 3 specimen, Glucose- 4 specimen, Glucose- 5 specimen, Glucose- 6 specimen
INFORMATION: DRAW LIHEP FOR EACH TIMEPOINT PER PHYSICIAN.
ASTM/HL7/SDF 1: 888367
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:

Patient Preparation:

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycles

Specimen Rejection: Lipemia, Improper Container or Labeling

Methodology: Glucose oxidase and Chemiluminescence Immunoassay

Specimen Referral: None

NAME: HEPATITIS B VIRUS PRECORE MUT.
ABBREVIATION: 888368
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 888368
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL PL FZN (1), CPL WILD LAV1 (1), CPL WILD LAV2 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 888368
CPL: Wild 600
ZCPL: Wild 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

Patient Preparation:

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycles

Specimen Rejection: Lipemia, Improper Container or Labeling

Methodology: Glucose oxidase and Chemiluminescence Immunoassay

Specimen Referral: None
### NBT Neutrophil FNC CGD

- **Name:** NBT Neutrophil FNC CGD
- **Abbreviation:** 888369
- **Specimen Type:** NAHEP WB
- **Storage Temp:** RM TEMP
- **CPT Code(s):** 888369
- **Instrument/LOC:** CPL
- **Tube/Container:** CPL NAHEP DK GRN (1)
- **Tests:** No tests in this specimen
- **Information:** DK GRN from patient and DKGRN from unrelated patient for control. MON-WED only. Send control with sex noted on specimen.
- **ASTM/HL7/SDF 1:** 888369
- **CPL:** 5702
- **ZCPL:** 5702
- **Valid ICD-9 Codes:** No
- **Valid ICD-10 Codes:** No
- **Notes:** CHRONIC GRANULOMATOUS DISEASE. New CPL test code as of 8/9/06.

### Anticardiolipin Abs

- **Name:** Anticardiolipin Abs
- **Abbreviation:** 888371
- **Specimen Type:** Serum
- **Storage Temp:** REFRIG
- **CPT Code(s):** 888371
- **Instrument/LOC:** BIOPLEX
- **Tube/Container:** SST GOLD (1)
- **Tests:** Anticardiolipin IgA, Anticardiolipin IgG, Anticardiolipin IgM, Anticardiolipin IgA, Anticardiolipin IgG, Anticardiolipin IgM
- **ASTM/HL7/SDF 1:** 888371
- **CPL:** 4809
- **ZCPL:** 4809
- **Valid ICD-9 Codes:** No
- **Valid ICD-10 Codes:** No
- **Notes:**
  - Patient preparation: None
  - Test includes: Anticardiolipin IgA, Anticardiolipin IgG, Anticardiolipin IgM
  - Specimen collection: Gold top (SST)
  - Specimen storage and preservation: After testing, 1 week refrigerated
  - Conditions for specimen transportation: Refrigerated
  - Specimen processing: Centrifuge @ 3000 rpm for 10 minutes.
  - Specimen acceptability: Serum; stable for 7 days when refrigerated (2-8C). Long term storage at -20C.
  - Specimen rejection: Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.
  - Freeze/Thaw: Up to 3 freeze/thaw cycles are acceptable.
  - Methodology: ELISA
  - Specimen referral: None
**Order Choice Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>AC EHRLICHIA IGG/ IGM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviation</td>
<td>888375</td>
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<tr>
<td>Specimen Type</td>
<td>Serum</td>
</tr>
<tr>
<td>Storage Temp</td>
<td>REFRIG</td>
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<tr>
<td>CPT Code(s)</td>
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<tr>
<td>Instrument/LOC</td>
<td>CPL</td>
</tr>
<tr>
<td>Tube/Container</td>
<td>CPL SST GOLD (1)</td>
</tr>
<tr>
<td>Tests</td>
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<tr>
<td>ASTM/HL7/SDF 1</td>
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<tr>
<td>CPL</td>
<td>4669</td>
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<tr>
<td>ZCPL</td>
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<tr>
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<tr>
<td>Valid ICD-10 Codes</td>
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<tr>
<td>Notes</td>
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</tr>
<tr>
<td></td>
<td>Serum separator tube</td>
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<tr>
<td></td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.</td>
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<tr>
<td>Volume</td>
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<td>Specimen Rejection:</td>
<td>Hemolysis</td>
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<tr>
<td></td>
<td>gross lipemia</td>
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<tr>
<td></td>
<td>contaminated samples</td>
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<td></td>
<td>avoid repeated freeze/thaw cycles</td>
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<tr>
<td>Methodology:</td>
<td>Indirect fluorescent antibody (IFA)</td>
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**Printed on:** January 29, 2016  3:28 PM
### Order Choice Information

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<tr>
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<td>INSTRUMENT/LOC:</td>
<td>DXC</td>
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<td>TUBE/CONTAINER:</td>
<td>SST GOLD (1)</td>
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<td>IGA, IGG, IGM</td>
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</tr>
<tr>
<td>NOTES:</td>
<td>None</td>
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</table>

**Patient Preparation:** None

**Specimen Collection:** SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) Not recommended

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM only

**Freeze Thaw Cycle:** N/A

**Specimen Rejection:** Gross Lipemia, Improper Container or Labeling

**Methodology:** Immunoturbidimetric

**Specimen Referral:** None
### IMMUNOCAP FOOD ALLERGY

**NAME:** IMMUNOCAP FOOD ALLERGY  
**ABBREVIATION:** 888380  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 888380  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (2)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 888380  
**CPL:** 5496  
**ZCPL:** 5496  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:** Preferred Specimen  
4 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

**Specimen Referral:**  
Clinical Pathology Laboratories

### IMMUNOCAP CHILD ALLERGY

**NAME:** IMMUNOCAP CHILD ALLERGY  
**ABBREVIATION:** 888381  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 888381  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST1 (1), CPL SST2 (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 888381  
**CPL:** 351  
**ZCPL:** 351  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:** Specimen Processing:  
4 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

**Specimen Referral:**  
Clinical Pathology Laboratories
## Order Choice Information

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<td>CPL: 5543</td>
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<td>ZCPL: 5543</td>
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<td>Valid ICD-9 Codes: No</td>
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<td>Valid ICD-10 Codes: No</td>
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</table>

**Notes:**

Specimen Processing:
4 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Specimen Referral:
Clinical Pathology Laboratories

---

The Austin Diagnostic Clinic Laboratory
12221 North Mopac Expressway
AUSTIN, TX  78758

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### Order Choice Information

<table>
<thead>
<tr>
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<td>Storage Temp:</td>
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<td>Specimen Type:</td>
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<td>No</td>
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<tr>
<td>Valid ICD-10 Codes:</td>
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</tbody>
</table>

**Notes:**

**Patient preparation:**

None

**Test includes:**

- Group A beta-hemolytic Strep; Beta-hemolytic Strep, not group A

**Specimen collection:**

- Use a sterile transport swab to obtain throat and/or rectal specimens.

**Specimen storage and preservation:**

- After testing, specimens are stored at room temperature for 1 week.

**Conditions for specimen transportation:**

- Room temperature

**Specimen processing:**

None

**Specimen acceptability:**

- Within 48 hours

**Specimen rejection:**

- Samples other than throat, rectal, vaginal, swabs; Samples received beyond specimen acceptability period.

**Freeze/Thaw:**

None

**Methodology:**

Manual

**Specimen referral:**

None
NAME: BORDETELLA PERTUSSIS PCR
ABBREVIATION: 888390
SPECIMEN TYPE: MINITIP FLOCKED SWAB
STORAGE TEMP: CR REFRIG
CPT CODE(S): 888390
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: VIRAL MEDIA (1)
TESTS: No tests in this specimen
INFORMATION: NASOPHARYNGEAL SPECIMEN COLLECTED ON A FLEXIBLE MINITIP FLOCKED SWAB IN UNIVERSAL VIRAL TRANSPORT MEDIA. CRITICAL REFRIGERATED. M4 TRANSPORT VIAL IS ACCEPTABLE.

ASTM/HL7/SDF 1: 888390
CPL: 6096
LABCORP: 138677
ZCPL: 6096
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Universal viral transport media or m4 viral transport media

Specimen Processing:
Nasopharyngeal specimen collected on a flexible minitip
flocked swab in universal viral transport media or m4 viral
transport media. Critical refrigerate (CRF).

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
7 days refrigerated

Specimen Rejection:
Calcium alginate swabs
swabs with wooden shaft
respiratory aspirates submitted in a collection container
with tubing

Methodology:
Polymerase chain reaction (PCR)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
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<th>NAME: METHYLMALONIC URINE</th>
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<tbody>
<tr>
<td>ABBREVIATION: 888409</td>
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<tr>
<td>SPECIMEN TYPE: Urine</td>
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<tr>
<td>STORAGE TEMP: CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S): 888409</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL CUP (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: Measure and Record TV, FREEZE 24 HR URINE. Random urine acceptable.</td>
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<tr>
<td>ASTM/HL7/SDF 1: 888409</td>
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<tr>
<td>CPL: 5297</td>
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<tr>
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<td>NOTES:</td>
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<td>Specimen Collection:</td>
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<td>Urine collection container</td>
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<tr>
<td>Specimen Processing:</td>
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<tr>
<td>24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. When multiple tests are ordered, submit separate sample for this test.</td>
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<tr>
<td>Volume</td>
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<tr>
<td>1 mL urine</td>
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<td>Conditions for specimen transportation:</td>
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<tr>
<td>Frozen</td>
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<td>Specimen Acceptability:</td>
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<tr>
<td>Unacceptable room temperature; 4 days refrigerated; 1 month frozen</td>
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<td>Rejection Rejection:</td>
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<td>Room temperature samples</td>
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<td>Methodology:</td>
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<td>Quantitative high performance liquid chromatography-tandem mass spectrometry (LC-MS/MS)</td>
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<td>Specimen Referral:</td>
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<td>Clinical Pathology Laboratories</td>
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</table>
### Order Choice Information

**NAME:** PNEUMOCOCCAL ABS POST  
**ABBREVIATION:** 888410  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 888410  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SERUM ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. POST SAMPLES SHOULD BE COLLECTED 30 DAYS AFTER IMMUNIZATION. REFRIG.  
**ASTM/HL7/SDF 1:** 888410  
**CPL:** 4695  
**ZCPL:** 4695  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
1.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Clearly label sample as post vaccine. Post samples should be collected 30 days after immunization.  

**Volume**  
0.25 mL serum  

Conditions for specimen transportation:  
Refrigerated  

Specimen Acceptability:  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  

Specimen Rejection:  
Hemolysis  
lipemia  
contaminated samples  
plasma samples  
body fluid samples  
avoid repeated freeze/thaw cycles  

Methodology:  
Multiplex bead assay  

Specimen Referral:  
Clinical Pathology Laboratories
NAME: CHOLINESTERASE DIBUC INH
ABBREVIATION: 888411
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 888411
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C600 PLR (1), C600A WILD FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 888411
CPL: 5689
ZCPL: 5689
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: sample must be collected prior to surgery or more than 2 days following surgery. Do not collect in recovery room.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
4 hours room temperature; 1 week refrigerated;

Specimen Rejection:
Sodium citrate (light blue top) or sodium

Methodology:
Enzymatic

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CHROMOSOME ANALYSIS, PERIPHERAL BLOOD
ABBREVIATION: 888413
SPECIMEN TYPE: NAHEP WB
STORAGE TEMP: REFRIG
CPT CODE(S): 888413
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL NAHEP WB (2)
TESTS: No tests in this specimen
INFORMATION: A COMPLETED HISTORY FORM MUST ACCOMPANY SAMPLE.
ASTM/HL7/SDF 1: 888413
CPL: 5240
ZCPL: 5240
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Processing:
7 mL sodium heparin whole blood. Refrigerate.
A completed history form must accompany sample.

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: BLOOD TYPE (ABO) AND RH
ABBREVIATION: 888419
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 888419
INSTRUMENT/LOC: TANGO
TUBE/CONTAINER: IMHEM LAV (1)
TESTS: Blood Type, Rh
ASTM/HL7/SDF 1: 888419
CPL: 3800
LABCORP: 006049
ZCPL: 3800
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: N/A
Specimen collection: EDTA whole blood, Lavender top tube
Specimen processing: Well mixed sample
Specimen storage and preservation:
Room Temperature (15 - 30°C) 24 hours
Refrigerated (2 - 8°C) 7 days
Frozen (-20°C) N/A
Conditions for specimen transportation: Room temperature
Specimen acceptability: EDTA whole blood
Specimen rejection: Short samples; Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; specimen received with plasma removed (plasma is used for other testing)
Freeze/Thaw: N/A
Methodology: Tango Optimo Automated Blood Bank Analyzer
Specimen referral: Samples with a positive antibody screen will be sent to CPL for confirmation testing
Order Choice Information

NAME: CALCIUM/CREATININE RATIO
ABBREVIATION: 888420
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP URINE
CPT CODE(S): 888420
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: RU CUP (1)
TESTS: Creatinine Ur Conc., Calcium Ur Conc., Calcium/Creatinine Ratio, PH Urine
ASTM/HL7/SDF 1: 888420
CPL: 425
ZCPL: 425
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None
Specimen collection: Random Urine Cup
Specimen processing: None
Specimen storage and preservation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) 3 days
Conditions for specimen transportation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.
Specimen acceptability: Urine only
Freeze/Thaw: N/A
Specimen rejection: Improper Collection or Labeling
Methodology: See individual tests
Specimen Referral: None
### Order Choice Information

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<td>NOTES:</td>
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</tr>
<tr>
<td></td>
<td>EDTA (lavender top) tube</td>
</tr>
</tbody>
</table>

**Specimen Collection:**
- EDTA (lavender top) tube

**Specimen Processing:**
- 5 mL EDTA whole blood. Room temperature. Collect samples Monday through Thursday only.

**Volume**
- 5 mL whole blood

**Conditions for specimen transportation:**
- Room temperature

**Specimen Acceptability:**
- 1 day room temperature; 2 days refrigerated

**Specimen Rejection:**
- Samples more than 48 hours old

**Methodology:**
- Flow cytometry

**Specimen Referral:**
- Clinical Pathology Laboratories
## Order Choice Information

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<thead>
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<tr>
<td>VALID ICD-10 CODES:</td>
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</table>
| NOTES: | Specimen Processing:  
10 mL aliquot from a well-mixed 24 hour urine collection. Specimen must be refrigerated during collection. Record total volume. Refrigerate. Diet, medication and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, nonessential over-the-counter medications (upon the advice of their physician), and avoid shellfish and seafood for 48 to 72 hours. High concentrations of iodine may interfere with elemental testing. Abstinence from iodine-containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended. |

Specimen Referral:
Clinical Pathology Laboratories
NAME: TOXOPLASMA IGG/IGM  
ABBREVIATION: 888423  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 888423  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 888423  
CPL: 4657  
ZCPL: 4657  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection: Serum separator tube  
Specimen Processing:  
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.  
Volume  
2 mL serum  
Conditions for specimen transportation: Refrigerated  
Specimen Acceptability:  
3 days refrigerated; 6 months frozen  
Methodology: Chemiluminescent immunoassay  
Specimen Rejection: Hemolysis  
Specimen Referral: Clinical Pathology Laboratories
### NAME: MICROALBUMIN/CREATININE RATIO

**ABBREVIATION:** 888424  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** RM TEMP URINE  
**CPT CODE(S):** 888424  
**INSTRUMENT/LOC:** DXC  
**TUBE/CONTAINER:** RU CUP (1)  
**TESTS:** Microalbumin Ur Conc., Creatinine Ur Conc., Microalbumin/Creatinine Ratio  
**ASTM/HL7/SDF 1:** 888424  
**CPL:** 4895  
**ZCPL:** 4895  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
- Patient preparation: None  
- Specimen collection: Random Urine Cup  
- Specimen processing: None  
- Specimen storage and preservation:  
  - Room Temperature (15 to 30°C) 2 hours  
  - Refrigerated (2 to 8°C) 3 days  
  - **CPL-REFRIGERATE**  
- Conditions for specimen transportation:  
  - Room Temperature (15 to 30°C) 2 hours  
  - Refrigerated (2 to 8°C) if shipping after 2 hours of collection.  
  - **CPL-REFRIGERATE**  
- Specimen acceptability: Urine only  
- Freeze/Thaw: N/A  
- Specimen rejection: Improper Collection or Labeling  
- Methodology: See Individual tests.  
- Specimen Referral: None

### NAME: FACTOR XII ASSAY INHIBITOR

**ABBREVIATION:** 888427  
**SPECIMEN TYPE:** CITR PL  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 888427  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (3), CPL ALQ1 (1), CPL ALQ2 (1), CPL ALQ3 (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** SEND THREE CRITICAL FROZEN PLASMA ALIQUOTS  
**ASTM/HL7/SDF 1:** 888427  
**CPL:** WILD TO ESOTERIC  
**ZCPL:** WILD TO ESOTERIC  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
## Order Choice Information

**NAME:**  VAGINOSIS PANEL BY DNA  
**ABBREVIATION:**  888428  
**SPECIMEN TYPE:**  VIAL  
**STORAGE TEMP:**  RM TEMP  
**CPT CODE(S):**  888428  
**INSTRUMENT/LOC:**  AFFIRM  
**TUBE/CONTAINER:**  ATTS (1)  
**TESTS:**  Trichomonas, Gardnerella, Candida, QC AFF Neg Proc., QC AFF Pos Proc  
**ASTM/HL7/SDF 1:**  888428  
**VALID ICD-9 CODES:**  No  
**VALID ICD-10 CODES:**  No  
**NOTES:**  
Patient preparation: None  
Test includes: Trichomonas, Gardnerella, Candida  
Specimen collection: BD Affirm VPIII Ambient Temperature Transport System. Refer to the package insert for complete instructions.  
Specimen storage and preservation: After testing, specimen is discarded  
Conditions for specimen transportation: Room temp or refrigerated  
Specimen processing: None  
Specimen acceptability: Within 72 hours of collection  
Specimen rejection: Specimen not collected in the BD Affirm VPIII Ambient Temperature Transport System. Samples received after 72 hours.  
Freeze/Thaw: None  
Methodology: DNA Probe  
Specimen referral: None
Name: MTHFR GENE MUTATION
Abbreviation: 888439
Specimen Type: EDTA WB
Storage Temp: REFRIG
CPT Code(s): 888439
Instrument/LOC: CPL
Tube/Container: C5362 LAV (1)
Tests: No tests in this specimen
ASTM/HL7/SDF 1: 888439
CPL: 5362
LABCORP: 511238
ZCPL: 5362
Valid ICD-9 Codes: Yes
Valid ICD-10 Codes: No
Notes: Specimen Processing:
5 mL EDTA whole blood. Critical refrigerate (CRF).
Not recommended for asymptomatic patients <18 yr. Old.

Specimen Collection:
EDTA (lavender top) tube

Volume
5 mL whole blood

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
1 week refrigerated

Specimen Rejection:
Clotted samples

Methodology:
Polymerase chain reaction (PCR)/fluorescence

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: INFERTILITY PANEL
ABBREVIATION: 888440
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 888440
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: FSH, Luteinizing Hormone, TSH, Prolactin, Estradiol, Estradiol Assay
ASTM/HL7/SDF 1: 888440
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
Order Choice Information

NAME: CSF CELL COUNT & DIFFERENTIAL
ABBREVIATION: 89050
SPECIMEN TYPE: Spinal Fluid
STORAGE TEMP: REFRIG
CPT CODE(S): 89050
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL PLAIN RED (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 89050
CPL: 1205
ZCPL: 1205
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection
CSF collection container

Specimen Processing:
1 mL CSF. Refrigerate.
For STAT orders, please contact your local CPL laboratory
for local specimen requirements.

Volume
1 mL CSF

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day refrigerated

Specimen Rejection:
Frozen samples

Methodology:
Hemacytometer counting chamber/bright field microscopy

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** JOINT FLUID CRYSTAL  
**ABBREVIATION:** 89060  
**SPECIMEN TYPE:** FLUID  
**CPT CODE(S):** 89060  
**INSTRUMENT/LOC:** HEMATOLOGY  
**TUBE/CONTAINER:** BF DKGRN (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** DO NOT USE EDTA TUBE (CRYSTALS WILL POLARIZE LIGHT).

ASTM/HL7/SDF 1: 89060  
CPL: 1215  
ZCPL: 1215  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient preparation:  
Specimen collected in doctor's office.  
Specimen collection: Synovial Fluid in Sodium Heparin, dark green top; Synovial Fluid in EDTA, lavender top tube; Original syringe with needle removed  
Specimen processing:  
Slide is prepared.  
Specimen storage and preservation:  
Room Temperature (15 - 30°C) ASAP, 8 hours  
Refrigerated (2 - 8°C) 24 hours  
Frozen (<-20°C) N/A  
Conditions for specimen transportation: Sample should be transported to laboratory as soon as possible (ASAP); Transport at room temperature if shipping within 8 hours of collection or ship refrigerated if shipping after 8 hours of collection  
Specimen acceptability: Synovial Fluid in Sodium Heparin, dark green top; Synovial Fluid in EDTA, Lavender top tube; Original syringe with needle removed  
Specimen rejection: Samples received with needle attached to syringe; specimens that have been frozen; fluids that have been at room temperature for prolonged periods of time (greater than 8 hours)  
Freeze/Thaw: N/A  
Methodology: Polarized Microscopy  
Specimen referral:  
Slide read by pathologist.
## Order Choice Information

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<thead>
<tr>
<th>NAME:</th>
<th>NASAL SMEAR EOSINOPHILS</th>
</tr>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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</tr>
<tr>
<td>SPECIMEN TYPE:</td>
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<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<td>89190</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SLIDE (1)</td>
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<tr>
<td>TESTS:</td>
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<tr>
<td>CPL:</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Slide mailer with enclosed slides</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: Exudate on slide. Room temperature.</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Room temperature</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: 1 day room temperature</td>
</tr>
<tr>
<td></td>
<td>Methodology: Microscopic examination of wright's stained smear semi-quantitative method</td>
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</table>

Specimen Referral: Clinical Pathology Laboratories
### Order Choice Information

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<thead>
<tr>
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<tr>
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<td>SPECIMEN TYPE:</td>
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<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>SEE HANDLING (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>FRESH SEMEN DELIVERED TO CPL WITHIN 1 HOUR OF COLLECTION. KEEP SPECIMEN AT BODY TEMP.</td>
</tr>
</tbody>
</table>

Note: Map for drop off location.

- ASTM/HL7/SDF 1: 89300
- CPL: 1355
- ZCPL: 1355
- VALID ICD-9 CODES: No
- VALID ICD-10 CODES: No

**NOTES:**

- Specimen Collection:
  - Specimen collection container

- Specimen Processing:
  - Fresh semen. Room temperature.
  - For STAT orders, please contact your local CPL laboratory for local specimen requirements.

- Conditions for specimen transportation:
  - Room temperature

- Specimen Acceptability:
  - 3 days room temperature

- Methodology:
  - Hemacytometer microscopy

- Specimen Referral:
  - Clinical Pathology Laboratories
Order Choice Information

NAME: SPERM COUNT (POST VAS)
ABBREVIATION: 89310
SPECIMEN TYPE: VIAL
CPT CODE(S): 89310
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: SEE HANDLING (1)
TESTS: No tests in this specimen
INFORMATION: FRESH SEMEN DELIVERED TO CPL WITHIN 1 HOUR OF COLLECTION. KEEP SPECIMEN AT BODY TEMP.
Note: Map for drop off location.
ASTM/HL7/SDF 1: 89310
CPL: 1385
ZCPL: 1385
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Specimen collection container

Specimen Processing:
Fresh semen. Room temperature.
For STAT orders, please contact your local CPL laboratory
for local specimen requirements.

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
3 days room temperature

Methodology:
Direct microscopic examination

Specimen Referral:
Clinical Pathology Laboratories
NAME: SEMEN ANALYSIS COMPLETE
ABBREVIATION: 89320
SPECIMEN TYPE: VIAL
STORAGE TEMP: RM TEMP
CPT CODE(S): 89320
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: SEE HANDLING (1)
TESTS: No tests in this specimen
INFORMATION: FRESH SEMEN COLLECTED BEFORE 10 AM AND DELIVERED TO CPL WITHIN 1 HOUR OF COLLECTION. KEEP SPECIMEN AT BODY TEMP.
Note: Map for drop off location.
ASTM/HL7/SDF 1: 89320
CPL: 1350
ZCPL: 1350
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Specimen collection container
Specimen Processing:
Fresh semen collected prior to 10 AM and delivered to laboratory within 1 hour of collection. Maintain at body temperature. For STAT orders, please contact your local CPL laboratory for local specimen requirements.
Note: reference range for sperm concentration and progressive motility reflects who 3rd edition standard (5th edition standard for % normal sperm is >4%).
Conditions for specimen transportation:
Body temperature
Specimen Acceptability:
1 hour body temperature
Methodology:
Makler counting chamber
Specimen Referral:
Clinical Pathology Laboratories

NAME: SPERM ANTIBODIES
ABBREVIATION: 89325
SPECIMEN TYPE: SEE HANDLING
CPT CODE(S): 89325
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: SEE HANDLING (1)
TESTS: No tests in this specimen
INFORMATION: WOMEN: PL RED; FREEZE serum. MEN: Fresh specimen collected at CPL location that requires SPECIAL KIT. COLLECT MON-WED ONLY.
Note: Map for collection location.
ASTM/HL7/SDF 1: 89325
CPL: 4502
ZCPL: 4502
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
Order Choice Information

NAME: DESYREL (TRAZADONE)
ABBREVIATION: 901159
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 901159
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5902 PLR (1), C5902A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 901159
CPL: 5902
ZCPL: 5902
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing
2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.6 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated

Specimen Rejection:
Samples collected in serum separator tube

Methodology:
High performance liquid chromatography (hplc)

Specimen Referral:
Clinical Pathology Laboratories
NAME: CALCIUM IONIZED  
ABBREVIATION: 901178  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 901178  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: C2236 SST (1)  
TESTS: No tests in this specimen  
INFORMATION: DO NOT UNCAP SST TUBE. SST, Place TAPE over the cap to seal. Refrigerate  
ASTM/HL7/SDF 1: 901178  
CPL: 2236  
ZCPL: 2236  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
One unopened serum separator tube. Centrifuge with stopper in place. Submit unopened tube sealed with red tape. If multiple tests are ordered, draw separate tube for this test. Refrigerate.  
Volume  
One unopened SST  
Conditions for specimen transportation:  
Refrigerated  
Specimen SAcceptability:  
8 hours room temperature; 48 hours refrigerated  
Specimen Rejection:  
Hemolysis  
samples collected in plain red top tube  
frozen samples  
tubes received unsealed or that have been opened  
Methodology:  
Ion selective electrode  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: NORPACE (DISOPYRAMIDE)
ABBREVIATION: 901205
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 901205
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C3037 PLR (1), C3037A SRM (1)
TESTS: No tests in this specimen
INFORMATION: PLRED, REFRIGERATE serum.
ASTM/HL7/SDF 1: 901205
CPL: 3037
ZCPL: 3037
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to
clot in an upright position for at least 60 minutes, then
centrifuge sample and transfer serum to a plastic transport
tube within 2 hours of collection. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Samples collected in serum separator tube

Methodology:
Enzyme multiplied immunoassay technique (emit)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<tr>
<th>NAME:</th>
<th>SSA/SSB</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>CR FZN</td>
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<td>INSTRUMENT/LOC:</td>
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<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
<td>ANTI-SSA (EIA), ANTI-SSB (EIA), ANTI-SSA, ANTI-SSB</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Patient preparation: None</td>
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</table>

- Test includes: Anti-SSA; Anti-SSB
- Specimen collection: Gold top (SST)
- Specimen storage and preservation: After testing, 1 week refrigerated
- Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated
- Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.
- Specimen acceptability: Store sera at 2-8°C. Freeze sera at -20°C if not tested within 24 hours.
- Specimen rejection: Samples received beyond specimen acceptability period
- Freeze/Thaw: 1 cycle
- Methodology: SSA - Multiplex Flow Immunoassay; SSB – ELISA
- Specimen referral: None
### Order Choice Information

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<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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</tbody>
</table>
| NOTES: | Specimen Collection:  
Plain red top tube  
Specimen Processing:  
2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 20 minutes, then centrifuge sample and transfer serum to a plastic transport tube immediately. Refrigerate.  
Volume  
1 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
1 week room temperature; 2 weeks refrigerated; 4 months frozen  
Specimen Rejection:  
Samples collected in serum separator tube  
Methodology:  
Gas chromatography (gc)  
Specimen Referral:  
Clinical Pathology Laboratories |
Order Choice Information

NAME: BODY FLUID CELL CT/DIFF
ABBREVIATION: 901235
SPECIMEN TYPE: FLUID
STORAGE TEMP: REFRIG
SPECIMEN TYPE: Manual Diff
CPT CODE(S): 901235
INSTRUMENT/LOC: MAIN LAB
TUBE/CONTAINER: BF DKGRN (1), BF LAV (1)
TESTS: Source:, BF TNC Cell Count, BF WBC Cell Count, BF Neutrophil Count, BF Lymphocyte Count, BF Monocyte Count, BF Other Cells, BF Color, BF Clarity
ASTM/HL7/SDF 1: 901235
CPL: 1210
LABCORP: 005240
ZCPL: 1210
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: N/A
Specimen collection: Synovial Fluid in Sodium Heparin, dark green top; Synovial Fluid in EDTA, lavender top tube; Original syringe with needle removed
Specimen processing: None
Specimen storage and preservation:
Room Temperature (15 - 30°C) ASAP, 8 hours
Refrigerated (2 - 8°C) 24 hours
Frozen (-20°C) N/A

Conditions for specimen transportation: Sample should be transported to laboratory as soon as possible (ASAP); Transport at room temperature if shipping within 8 hours of collection or ship refrigerated if shipping after 8 hours of collection

Specimen acceptability: Synovial Fluid in Sodium Heparin, dark green top; Synovial Fluid in EDTA, Lavender top tube; Original syringe with needle removed

Specimen rejection: Samples received with needle attached to syringe; specimens that have been frozen; fluids that have been at room temperature for prolonged periods of time (greater than 8 hours)

Freeze/Thaw: N/A

Methodology: Automated cell analyzer if sample volume > 1.0 mL; manual cell count if sample volume <1.0 mL

Specimen referral: Extremely short volume fluids with additional tests (example- culture) to be performed on sample may be sent to CPL for testing. CPL requires lavender top tube. LabCorp will accept green or lavender top specimen.
Order Choice Information

NAME: CORTISOL PM
ABBREVIATION: 901243
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 901243
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Cortisol, PM
ASTM/HL7/SDF 1: 901243
CPL: 4269
ZCPL: 4269
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
**Order Choice Information**

**NAME:** INSULIN LEVELS 5HR  
**ABBREVIATION:** 901269  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 901269  
**INSTRUMENT/LOC:** DXI  
**TUBE/CONTAINER:** SST GOLD (1)  
**TESTS:** Insulin Baseline, Insulin 30Min , Insulin 1Hr , Insulin 2Hr, Insulin 3Hr , Insulin 4Hr , Insulin 5Hr  
**INFORMATION:** To be drawn Tuesday and Friday.  
**ASTM/HL7/SDF 1:** 901269  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient Preparation:  
Specimen Collection: SST Serum only  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 24 hours  
Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling  
Methodology: Chemiluminescence Immunoassay  
Specimen Referral: None
**Order Choice Information**

**NAME:** GRAM STAIN  
**ABBREVIATION:** 901304  
**SPECIMEN TYPE:** SWAB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 901304  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL CX (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 901304  
**CPL:** 6106  
**ZCPL:** 6106  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Slide mailer with enclosed slides  
Specimen Processing:  
Culture swab or sample in sterile collection container.  
Room temperature.  
Conditions for specimen transportation:  
Room temperature  
Specimen Acceptability:  
Swabs: 2 days body fluids: 1 day  
Specimen Rejection:  
Will reject dry swabs, swabs not submitted in transport media, expired transport media, viral transport media, or leaking or non-sterile containers  
will reject samples collected in anticoagulants or formalin  
Specimen Referral:  
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>FECAL LEUKOCYTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>901321</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>FRESH STOOL</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Microbiology</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>901321</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>MICROBIOLOGY</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>STOOL CUP (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>Fecal Leukocyte</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>REFRIGERATE, DO NOT FREEZE!</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>901321</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>
| NOTES: | Patient preparation: 
None |
| Test includes: | Examination for white blood cells |
| Specimen collection: | Fresh stool in a sterile container |
| Specimen storage and preservation: | After testing, specimen is discarded |
| Conditions for specimen transportation: | Refrigerated |
| Specimen processing: | Prepare 2 smears on glass slides as soon as possible after receipt in lab |
| Specimen acceptability: | Within 2 hours if at room temperature; Within 24 hours if refrigerated |
| Specimen rejection: | Sample received beyond acceptability period. |
| Freeze/Thaw: | None |
| Methodology: | Manual (Microscopy) |
| Specimen referral: | None |
NAME: ALUMINUM 24HR URINE
ABBREVIATION: 902698
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 902698
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 902698
CPL: 5634
ZCPL: 5634
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Trace element-free transport tube

Specimen Processing:
10 mL aliquot from a well-mixed 24 hour urine collection.
Specimen must be refrigerated during collection. Record total volume. Refrigerate.
Diet, medication and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, nonessential over-the-counter medications (upon the advice of their physician), and avoid shellfish and seafood for 48 to 72 hours. High concentrations of iodine may interfere with elemental testing. Abstinence from iodine-containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.

Volume
1 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week room temperature; 2 weeks refrigerated; 1 year frozen

Specimen rejection:
Urine collected within 48 hours of gadolinium (mri)
acid-preserved urine

Methodology:
Inductively coupled plasma/mass spectrometry (icp/m)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>ASPERGILLUS AB SERUM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>902703</td>
</tr>
<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>Serum</td>
</tr>
<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>RM TEMP</td>
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<tr>
<td><strong>CPT CODE(S):</strong></td>
<td>902703</td>
</tr>
<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>CPL SST GOLD (1)</td>
</tr>
<tr>
<td><strong>TESTS:</strong></td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>902703</td>
</tr>
<tr>
<td><strong>CPL:</strong></td>
<td>5352</td>
</tr>
<tr>
<td><strong>ZCPL:</strong></td>
<td>5352</td>
</tr>
<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - Serum separator tube
- Specimen Processing:
  - 0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.
- Volume
  - 0.15 mL serum
- Conditions for specimen transportation:
  - Refrigerated
- Specimen Acceptability:
  - After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen
- Specimen Rejection:
  - Body fluid samples
  - avoid repeated freeze/thaw cycles
- Methodology:
  - Immunodiffusion
- Specimen Referral:
  - Clinical Pathology Laboratories
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>ASPERGILLUS PRECIPITINS, CSF</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>902703</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Spinal Fluid</td>
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<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<td>CPT CODE(S):</td>
<td>86606</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>STERILE TUBE (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>RAST5351</td>
</tr>
<tr>
<td>CPL:</td>
<td>5351</td>
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<td>ZCPL:</td>
<td>5351</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: CSF collection container</td>
</tr>
</tbody>
</table>

**Specimen Processing:**

1 mL cerebrospinal fluid. Refrigerate.

**Volume**

0.5 mL CSF

**Conditions for specimen transportation:**

Refrigerated

**Specimen Acceptability:**

Unacceptable room temperature; 2 months refrigerated; indefinite frozen

**Specimen Rejection:**

Room temperature samples

**Methodology:**

Immunodiffusion (id)

**Specimen Referral:**

Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: FLECAINIDE LEVEL</th>
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<tbody>
<tr>
<td>ABBREVIATION: 902704</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 902704</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: C3045 PLR (1), C3045A SRM (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 902704</td>
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<tr>
<td>CPL: 3045</td>
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<td>ZCPL: 3045</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Plain red top tube</td>
</tr>
</tbody>
</table>

Specimen Processing:
2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 6 weeks room temperature; 6 weeks refrigerated; 6 weeks frozen

Specimen Rejection:
Samples collected in serum or plasma separator tube

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** PLEURAL FLUID CELL COUNT  
**ABBREVIATION:** 902712  
**SPECIMEN TYPE:** FLUID  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 902712  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 902712  
**CPL:** 1210  
**ZCPL:** 1210  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
EDTA (lavender top) tube  
Specimen Processing:  
1 mL body fluid in EDTA. Refrigerate.  
For STAT orders, please contact your local CPL laboratory for local specimen requirements.  
Volume  
1 mL body fluid  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
1 day refrigerated; unacceptable frozen  
Specimen Rejection:  
Frozen samples  
Methodology:  
Direct current detection/fluorescent flow cytometry  
Specimen Referral:  
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>PLEURAL FLUID AMYLASE</th>
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<tbody>
<tr>
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<td>902775</td>
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<td>SPECIMEN TYPE:</td>
<td>FLUID</td>
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<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<td>CPT CODE(S):</td>
<td>902775</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>902775</td>
</tr>
<tr>
<td>CPL:</td>
<td>2024</td>
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<td>ZCPL:</td>
<td>2024</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
- Specimen collection container

**Specimen Processing:**
2 mL body fluid. Room temperature.

**Volume**
0.5 mL body fluid

**Conditions for specimen transportation:**
- Room temperature

**Methodology:**
- Enzymatic on automated chemistry analyzer

**Specimen Referral:**
- Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>Name</th>
<th>UAPY (CULTURE IF PYURIA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviation</td>
<td>902804</td>
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<tr>
<td>Specimen Type</td>
<td>Random Urine</td>
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<tr>
<td>Storage Temp</td>
<td>RM TEMP</td>
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<tr>
<td>CPT Code(s)</td>
<td>902804</td>
</tr>
<tr>
<td>Instrument/LOC</td>
<td>UA VELOCITY</td>
</tr>
<tr>
<td>Tube/Container</td>
<td>RU CUP (1), UA ALIQUOT (1)</td>
</tr>
<tr>
<td>Notes:</td>
<td>Patient preparation: N/A</td>
</tr>
<tr>
<td>Specimen collection:</td>
<td>Collect urine in a clean, dry and/or sterile container. Preferred sample is a first morning void collected by “clean catch” method.</td>
</tr>
<tr>
<td>Specimen processing:</td>
<td>N/A</td>
</tr>
<tr>
<td>Specimen storage and preservation:</td>
<td>Room Temperature (15 - 30°C) 2 hours</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 - 8°C) 24 hours</td>
</tr>
<tr>
<td></td>
<td>Frozen (-20°C) N/A</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Transport at room temperature if shipping within 2 hours of collection or ship refrigerated if shipping after 2 hours of collection.</td>
</tr>
<tr>
<td>Specimen acceptability:</td>
<td>Urine, 6 mL or greater</td>
</tr>
<tr>
<td>Specimen rejection:</td>
<td>Urine collected with preservative; short samples (less than 6 mL); leaking samples; centrifuged urine samples; Specimens that have been at prolonged room temperature; improper labeling.</td>
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<tr>
<td>Freeze/Thaw:</td>
<td>N/A</td>
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<tr>
<td>Methodology:</td>
<td>Automated Urinalysis System</td>
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<tr>
<td>Specimen referral:</td>
<td>N/A</td>
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<tr>
<td>NAME: PCB SERUM</td>
<td>ABBREVIATION: 902959</td>
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<tr>
<td>------------------------</td>
<td>---------------------</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 902959</td>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: C5942 PLR (1), C5942A SRM (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
<td>ASTM/HL7/SDF 1: 902959</td>
</tr>
<tr>
<td>CPL: 5942</td>
<td>ZCPL: 5942</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Specimen Collection: Plain red top tube</td>
<td></td>
</tr>
<tr>
<td>Specimen Processing: 4 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Room temperature.</td>
<td></td>
</tr>
<tr>
<td>Volume 4 mL serum</td>
<td></td>
</tr>
<tr>
<td>Conditions for specimen transportation: Room temperature</td>
<td></td>
</tr>
<tr>
<td>Specimen Acceptability: 1 week room temperature; 1 month refrigerated; indefinitely frozen</td>
<td></td>
</tr>
<tr>
<td>Specimen Rejection: May reject due to hemolysis May reject due to lipemia Will reject samples collected in serum separator tubes</td>
<td></td>
</tr>
<tr>
<td>Methodology: Gcecd</td>
<td></td>
</tr>
<tr>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
<td></td>
</tr>
</tbody>
</table>
**NAME:** AMIODARONE (CARDARON)  
**ABBREVIATION:** 903245  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 903245  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5954 PLR (1), C5954A SRM PRLT (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 903245  
**CPL:** 5954  
**ZCPL:** 5954  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

**NOTES:**  
**Specimen Collection:**  
Plain red top tube  
**Specimen Processing:**  
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

**Volume**  
0.5 mL serum  
**Conditions for specimen transportation:**  
Refrigerated  
**Specimen Acceptability:**  
2 days room temperature; 2 weeks refrigerated; 2 weeks frozen  
**Specimen Rejection:**  
Samples collected in serum separator tube  
**Methodology:**  
High performance liquid chromatography (hplc)  
**Specimen Referral:**  
Clinical Pathology Laboratories
Order Choice Information

NAME: TETANUS ANTIBODY PRE
ABBREVIATION: 903263
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 903263
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SRM FZN (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE.
ASTM/HL7/SDF 1: 903263
CPL: 4656
ZCPL: 4656
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Clearly label sample as pre or post immunization. Post sample should be collected 30 days following immunization. Refrigerate.

Volume
0.2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
contaminated samples
plasma or body fluid samples
avoid repeated freeze/thaw cycles

Methodology:
Multiplex bead assay

Specimen Referral:
Clinical Pathology Laboratories

Printed on: January 29, 2016 3:28 PM
<table>
<thead>
<tr>
<th>NAME: SMOOTH MUSCLE IGG AB W/REFLEX TITER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 903267</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: REFRIG</td>
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<td>CPT CODE(S): 903267</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 903267</td>
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<td>CPL: 5442</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: Specimen Processing:</td>
</tr>
<tr>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
</tbody>
</table>

Specimen Referral:
Clinical Pathology Laboratories
## NAME: IGD IMMUNOGLOBULIN
## ABBREVIATION: 903270
## SPECIMEN TYPE: Serum
## STORAGE TEMP: REFRIG
## CPT CODE(S): 903270
## INSTRUMENT/LOC: CPL
## TUBE/CONTAINER: CPL SST GOLD (1)
## TESTS: No tests in this specimen
## ASTM/HL7/SDF 1: 903270
## CPL: 4872
## ZCPL: 4872
## VALID ICD-9 CODES: No
## VALID ICD-10 CODES: No

### NOTES:

**Specimen Collection:**
Serum separator tube

**Specimen Processing:**
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

**Volume**
0.5 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
After separation from cells: 8 hours room temperature; 2 days refrigerated; 1 month frozen

**Specimen Rejection:**
Hemolysis
Lipemia
Contaminated samples

**Methodology:**
Nephelometry

**Specimen Referral:**
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
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<tbody>
<tr>
<td>ABBREVIATION: 903276</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>CPT CODE(S): 903276</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: C3058 PLR1 (1), CPL ALQ1 (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>INFORMATION: Protect from light</td>
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<td>ASTM/HL7/SDF 1: 903276</td>
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<td>CPL: 3058</td>
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<td>ZCPL: 3058</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Plain red top tube</td>
</tr>
</tbody>
</table>

**Specimen Processing:**
3 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Protect from light during collection, storage, and transport. Freeze. When multiple tests are ordered, submit separate tube for this test.

**Volume**
1 mL serum

**Conditions for specimen transportation:**
Frozen

**Specimen Acceptability:**
After separation from cells: 4 hours room temperature; 1 day refrigerated; 6 months frozen

**Specimen Rejection:**
Samples collected in serum separator tube
samples not protected from light

**Methodology:**
Quantitative immunoassay

**Specimen Referral:**
Clinical Pathology Laboratories
**NAME:** CMV AB IGG/IGM
**ABBREVIATION:** 903290
**SPECIMEN TYPE:** Serum
**STORAGE TEMP:** REFRIG
**CPT CODE(S):** 903290
**INSTRUMENT/LOC:** CPL
**TUBE/CONTAINER:** CPL SST GOLD (1)
**TESTS:** No tests in this specimen
**ASTM/HL7/SDF 1:** 903290
**CPL:** 4543
**ZCPL:** 4543
**VALID ICD-9 CODES:** No
**VALID ICD-10 CODES:** No

**NOTES:**
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Room temperature.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days refrigerated; 1 month frozen

Specimen Rejection:
Gross hemolysis

Methodology:
Chemiluminescent immunoassay

Specimen Referral:
Clinical Pathology Laboratories
| NAME: IGG SUBCLASSES |
| ABBREVIATION: 903416 |
| SPECIMEN TYPE: Serum |
| STORAGE TEMP: REFRIG |
| CPT CODE(S): 903416 |
| INSTRUMENT/LOC: CPL |
| TUBE/CONTAINER: CPL SST GOLD (1) |
| TESTS: No tests in this specimen |
| ASTM/HL7/SDF 1: 903416 |
| CPL: 2754 |
| ZCPL: 2754 |
| VALID ICD-9 CODES: No |
| VALID ICD-10 CODES: No |

NOTES:
- Specimen Collection:
  - Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Specimen Rejection:
Hemolysis

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CBC W/ AUTO DIFF (HRM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>903424</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>WB EDTA</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>CBC/Hematology</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>903424</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>DXH 800</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>LAV (1)</td>
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<tr>
<td>TESTS:</td>
<td>WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, NEUT%, LYMPH%, MONO%, EOS%, BASO%, NEUT#, LYMPH#, MONO#, EOS#, BASO#, REFLEX SCAN TO MANUAL DIFF, CD</td>
</tr>
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</table>

**ASTM/HL7/SDF 1:** 903424

**VALID ICD-9 CODES:** Yes
**VALID ICD-10 CODES:** No

**NOTES:**

Patient preparation: None

Test Includes:
Hematocrit; Hemoglobin; Mean Corpuscular Volume (MCV); Mean Corpuscular Hemoglobin (MCH); Mean Corpuscular Hemoglobin Concentration (MCHC); Red cell Distribution Width (RDW); Platelet count; Red cell count (RBC); White blood cell count (WBC), percentage and absolute differential counts

Specimen collection:
EDTA Whole Blood, Lavender Top Tube

Specimen processing:
Well mixed specimen

Specimen storage and preservation:
- Room Temperature (20 to 25°C) 24 hours
- Refrigerated (2 to 8°C) 48 hours

Conditions for specimen transportation:
Room Temperature

Specimen acceptability:
EDTA Whole Blood, Citrated Whole Blood for Platelet correction

Freeze/Thaw: N/A

Specimen rejection:
Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; transfer tubes with whole blood; specimen received with plasma removed (plasma is used for other testing)

Methodology:
Automated Cell Analyzer

Specimen referral: None
The Austin Diagnostic Clinic Laboratory
12221 North Mopac Expressway
AUSTIN, TX  78758

Order Choice Information

NAME:  URINALYSIS (HRM)
ABBREVIATION:  903426
SPECIMEN TYPE:  Random Urine
STORAGE TEMP:  RM TEMP
CPT CODE(S):  903426
INSTRUMENT/LOC:  UA VELOCITY
TUBE/CONTAINER:  RU CUP (1), UA ALIQUOT (1)
Sperm, U. Oval Fat Body, U. Amorphous Sediment, U. WBC Clumps, U. All Small Particles, Gate, Run
ASTM/HL7/SDF 1:  903426
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient preparation: N/A
Specimen collection: Collect urine in a clean, dry and/or sterile container. Preferred sample is a first morning void collected by “clean
catch” method.
Specimen processing: N/A
Specimen storage and preservation:
Room Temperature (15 - 30°C) 2 hours
Refrigerated (2 - 8°C) 24 hours
Frozen (-20°C) N/A
Conditions for specimen transportation: Transport at room temperature if shipping within 2 hours of collection or ship refrigerated if
shipping after 2 hours of collection.
Specimen acceptability: Urine, 6 mL or greater
Specimen rejection: Urine collected with preservative; short samples (less than 6 mL); leaking samples; centrifuged urine samples;
Specimens that have been at prolonged room temperature; improper labeling.
Freeze/Thaw: N/A
Methodology: Automated Urinalysis System
Specimen referral: N/A
Name: MAGNESIUM (Hrm)
Abbreviation: 903427
Specimen Type: Serum
Storage Temp: RM TEMP
CPT Code(s): 903427
Instrument/LOC: DXC
Tube/Container: LT GRN (1)
Tests: Magnesium
ASTM/HL7/SDF 1: 903427
CPL: 2130
ZCPL: 2130
Valid ICD-9 Codes: No
Valid ICD-10 Codes: No
Notes:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.
Methodology: Calmagite
Specimen Referral: None
# Order Choice Information

**NAME:** HDL CHOLESTEROL (HRM)  
**ABBREVIATION:** 903428  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 903428  
**INSTRUMENT/LOC:** DXC  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** % HDL, VLDL, LDL, HDL  
**ASTM/HL7/SDF 1:** 903428  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
- Patient Preparation: None  
- Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
- Specimen Processing: Allow SST to clot in upright position for at least 30 minutes, then centrifuge sample.  
- Specimen Storage and Preservation:  
  - Room Temperature (15 to 30°C) 8 hours  
  - Refrigerated (2 to 8°C) 2 days  
  - Frozen Aliquot (-20°C) 7 days  
- Conditions for Specimen Transportation:  
  - Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
  - Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
- Specimen Acceptability: SST - SERUM  
- Freeze Thaw Cycle: 1 cycle  
- Specimen Rejection: Improper Container or Labeling.  
- Methodology: Colorimetric  
- Specimen Referral: None
ORDER CHOICE INFORMATION

NAME: TSH (Hrm)
ABBREVIATION: 903429
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 903429
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: TSH
ASTM/HL7/SDF 1: 903429
CPL: 2835
ZCPL: 2835
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>LYTES (Hrm)</th>
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<tr>
<td><strong>ABBREVIATION:</strong></td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
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<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>RT TEMP</td>
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<td><strong>CPT CODE(S):</strong></td>
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<td><strong>INSTRUMENT/LOC:</strong></td>
<td>DXC</td>
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<td><strong>TUBE/CONTAINER:</strong></td>
<td>LT GRN (1)</td>
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<tr>
<td><strong>TESTS:</strong></td>
<td>Sodium, Potassium, Chloride, CO2, AGAP</td>
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<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>903430</td>
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<td><strong>ZCPL:</strong></td>
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<td><strong>VALID ICD-9 CODES:</strong></td>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>NOTES:</strong></td>
<td>Patient Preparation: None</td>
</tr>
</tbody>
</table>

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Hemolysis, Lipemia, Improper Container or Labeling.

**Methodology:** See individual tests.

**Specimen Referral:** None
Order Choice Information

| NAME:            | T4 HIGH RISK                |
| ABBREVIATION:    | 903431                     |
| SPECIMEN TYPE:   | Serum                      |
| STORAGE TEMP:    | RM TEMP                    |
| CPT CODE(S):     | 903431                     |
| INSTRUMENT/LOC:  | DXI                        |
| TUBE/CONTAINER:  | LT GRN (1)                 |
| TESTS:           | Total T4                   |
| INFORMATION:     | Draw SST, Clot 30min, Spin, Room Temp |
| ASTM/HL7/SDF:    | 903431                     |
| CPL:             | 2819                       |
| ZCPL:            | 2819                       |
| VALID ICD-9 CODES: | Yes                    |
| VALID ICD-10 CODES: | No                    |
| NOTES:           | None                       |
| Specimen Collection: | Lithium Heparin Plasma (preferred) or SST Serum |
| Specimen Processing: | Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample. |
| Specimen Storage and Preservation: |
| Room Temperature (15 to 30°C) 8 hours |
| Refrigerated (2 to 8°C) 24 hours |
| Frozen Aliquot (-20°C) 7 days |
| Conditions for Specimen Transportation: |
| Room Temperature (15 to 30°C) if shipping within 8 hours of collection. |
| Refrigerated (2 to 8°C) if shipping after 8 hours of collection. |
| Specimen Acceptability: | SST - SERUM               |
| Freeze Thaw Cycle: | 1 cycle                  |
| Specimen Rejection: | Improper Container or Labeling |
| Methodology: | Chemiluminescence Immunoassay |
| Specimen Referral: | None                     |
Order Choice Information

NAME: T3 HIGH RISK
ABBREVIATION: 903433
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 903433
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Total T3
ASTM/HL7/SDF 1: 903433
CPL: 2818
ZCPL: 2818
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
## Order Choice Information

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<thead>
<tr>
<th>NAME: HEMOGRAM (HRM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 903517</td>
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<tr>
<td>SPECIMEN TYPE: WB EDTA</td>
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<td>STORAGE TEMP: RM TEMP</td>
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<td>SPECIMEN TYPE: CBC/Hematology</td>
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<td>CPT CODE(S): 903517</td>
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<tr>
<td>INSTRUMENT/LOC: DXH 800</td>
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<tr>
<td>TUBE/CONTAINER: LAV (1)</td>
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<tr>
<td>TESTS: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, CBC</td>
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<tr>
<td>ASTM/HL7/SDF 1: 903517</td>
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<td>VALID ICD-9 CODES: Yes</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Patient preparation: None</td>
</tr>
</tbody>
</table>

Test Includes:
- Hematocrit; Hemoglobin; Mean Corpuscular Volume (MCV); Mean Corpuscular Hemoglobin (MCH); Mean Corpuscular Hemoglobin Concentration (MCHC); Red cell Distribution Width (RDW); Platelet count; Red cell count (RBC); White blood cell count (WBC)

Specimen collection:
- EDTA Whole Blood, Lavender Top Tube

Specimen processing:
- Well mixed specimen

Specimen storage and preservation:
- Room Temperature (20 to 25°C) 24 hours
- Refrigerated (2 to 8°C) 48 hours

Conditions for specimen transportation:
- Room Temperature

Specimen acceptability:
- EDTA Whole Blood, Citrated Whole Blood for Platelet correction

Freeze/Thaw: N/A

Specimen rejection:
- Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; transfer tubes with whole blood; specimen received with plasma removed (plasma is used for other testing)

Methodology:
- Automated Cell Analyzer

Specimen referral: None
Order Choice Information

NAME: C2 COMPONENT
ABBREVIATION: 903814
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 903814
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4534 PLR (1), C4534A SRM FZN (1)
TESTS: No tests in this specimen
INFORMATION: PLRED, ALLOW TUBE TO CLOT 1 HOUR, FREEZE SERUM.
ASTM/HL7/SDF 1: 903814
CPL: 4534
ZCPL: 4534
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
0.15 mL frozen serum

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: 2 hours room temperature; unacceptable refrigerated; 2 weeks frozen

Specimen Rejection:
Room temperature samples
refrigerated samples

Methodology:
Radial immunodiffusion

Specimen Referral:
Clinical Pathology Laboratories
NAME: ISLET CELL ANTIBODY
ABBREVIATION: 903823
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 903823
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 903823
CPL: 4678
ZCPL: 4678
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.15 mL serum

Conditions for specimen transportation:
Refrigerate.

Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
contaminated samples
plasma
avoid repeated freeze/thaw cycles

Methodology:
Indirect fluorescent assay (IFA)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CULTURE URINE AFB & SMEAR
ABBREVIATION: 903837
SPECIMEN TYPE: Urine
STORAGE TEMP: CR REFRIG
CPT CODE(S): 903837
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL Cup 1 (1), CPL Cup 2 (1), CPL Cup 3 (1)
TESTS: No tests in this specimen
INFORMATION: PRIMARY SPECIMEN IN A STERILE SEALED CONTAINER. SHIP SPECIMEN ON COLD PACK WITHIN 24 HOURS OF COLLECTION. WHOLE BLOOD SPECIMENS MUST BE SHIPPED ROOM TEMPERATURE. COLLECT FIRST MORNING SPUTUM/URINE ON 3 CONSECUTIVE DAYS FOR OPTIMAL RECOVERY.
ASTM/HL7/SDF 1: 903837
CPL: 6130
ZCPL: 6130
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sterile collection container

Specimen Processing:
Primary specimen in a sterile, sealed container.
Refrigerate and ship on a cold pack within 24 hours of collection.
Whole blood or bone marrow samples must be shipped at room temperature.
Collect first morning sputum or urine on 3 consecutive days for optimal recovery. Refrigerate.
Note: smears will not be performed on urine or stool sources. Only culture can be performed on these specimen types.

Volume
2 mL fluid

Conditions for specimen transportation:
Whole blood and bone marrow: room temperature all other samples: refrigerated

Specimen Acceptability:
Whole blood and bone marrow:

Specimen Rejection:
Samples submitted in viral transport media

Methodology:
Standard culture techniques

Specimen Referral:
Clinical Pathology Laboratories

Valid ICD-9 Codes: No
Valid ICD-10 Codes: No

Specimen Collection:

Sterile collection container

Specimen Processing:

Primary specimen in a sterile, sealed container.

Refrigerate and ship on a cold pack within 24 hours of collection.

Whole blood or bone marrow samples must be shipped at room temperature.

Collect first morning sputum or urine on 3 consecutive days for optimal recovery. Refrigerate.

Note: smears will not be performed on urine or stool sources. Only culture can be performed on these specimen types.

Volume

2 mL fluid

Conditions for specimen transportation:

Whole blood and bone marrow: room temperature all other samples: refrigerated

Specimen Acceptability:

Whole blood and bone marrow:

Specimen Rejection:

Samples submitted in viral transport media

Methodology:

Standard culture techniques

Specimen Referral:

Clinical Pathology Laboratories

Valid ICD-9 Codes: No
Valid ICD-10 Codes: No
NAME: CREATININE RANDOM URINE
ABBREVIATION: 903839
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP URINE
CPT CODE(S): 903839
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: RU CUP (1)
TESTS: Creatinine Ur Conc.
ASTM/HL7/SDF 1: 903839
CPL: 2081
ZCPL: 2081
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None

Specimen collection: Random Urine Cup

Specimen processing:

Specimen storage and preservation:

Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) 3 days

Conditions for specimen transportation:

Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.

Specimen acceptability: Urine only

Freeze/Thaw: N/A

Specimen rejection: Improper Collection or Labeling

Methodology: Colorimetry/Alkaline Picrate

Specimen Referral: None
### Order Choice Information

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<td>TESTS:</td>
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<td>Patient preparation: None Specimen collection: Random Urine Cup Specimen processing: None Specimen storage and preservation: Room Temperature (15 to 30°C) 2 hours Refrigerated (2 to 8°C) 3 days Conditions for specimen transportation: Room Temperature (15 to 30°C) 2 hours Refrigerated (2 to 8°C) if shipping after 2 hours of collection. Specimen acceptability: Urine only Freeze/Thaw: N/A Specimen rejection: Improper Collection or Labeling Methodology: Indirect ISE/LAS glass membrane Specimen Referral: None</td>
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### Order Choice Information

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<td>NOTES:</td>
<td>Specimen Collection: EDTA (lavender top) tube</td>
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<td>Specimen Processing: 5 mL EDTA whole blood. Critical room temperature (CRT)</td>
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<td>Volume 2 mL whole blood</td>
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<td>Conditions for specimen transportation: Critical room temperature (CRT)</td>
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<td>Specimen Acceptability: 3 days room temperature</td>
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<td>Specimen Rejection: Hemolysis</td>
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<td></td>
<td>Methodology: Flow cytometry, beckton-dickinson facscalibur</td>
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<td>Specimen Referral: Clinical Pathology Laboratories</td>
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NAME: MIXING STUDY
ABBREVIATION: 903977
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 903977
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ1 (1), CPL ALQ2 (1), CPL ALQ3 (1), LT BLUE (3)
TESTS: No tests in this specimen
INFORMATION: CENTRIFUGE AND REMOVE PLASMA, CENTRIFUGE PLASMA AGAIN. SEPARATE PLASMA INTO 3 PLASTIC TUBES. FREEZE IMMEDIATELY.
ASTM/HL7/SDF 1: 903977
CPL: 1402
LABCORP: 117028
ZCPL: 1402
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Processing:
3.5 mL citrate plasma. Centrifuge, remove plasma, centrifuge plasma again. Separate plasma into 3 plastic tubes. Freeze immediately

Specimen referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: FAST BLOOD SUGAR (Hrm)
ABBREVIATION: 904328
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 904328
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Glucose Fasting
ASTM/HL7/SDF 1: 904328
CPL: 2217
ZCPL: 2217
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: Patient should fast for 12 hours preceding collection of specimen.
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Lipemia, Improper Container or Labeling.
Methodology: Glucose Oxidase
Specimen Referral: None
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: PNEUMOCOCCAL ABS PRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 904418</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 904418</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. REFRIG.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 904418</td>
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<tr>
<td>CPL: 4693</td>
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<td>ZCPL: 4693</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - Serum separator tube
- Specimen Processing:
  - 1.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Clearly label sample as pre vaccine. Post samples should be collected 30 days after immunization.
  - Volume
    - 0.25 mL serum
- Conditions for specimen transportation:
  - Refrigerated
- Specimen Acceptability:
  - After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen
- Specimen Rejection:
  - Hemolysis
  - Lipemia
  - Contaminated samples
  - Plasma samples
  - Body fluid samples
  - Avoid repeated freeze/thaw cycles
- Methodology:
  - Multiplex bead assay
- Specimen Referral:
  - Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>PROTEIN RANDOM URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>904656</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Urine</td>
</tr>
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<td>STORAGE TEMP:</td>
<td>RM TEMP URINE</td>
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<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>DXC</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>RU CUP (1)</td>
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<tr>
<td>TESTS:</td>
<td>Protein Ur Conc.</td>
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<td>CPL:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Patient preparation: None</td>
</tr>
<tr>
<td>Specimen collection:</td>
<td>Random Urine Cup</td>
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<tr>
<td>Specimen processing:</td>
<td>None</td>
</tr>
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<td>Specimen storage and preservation:</td>
<td></td>
</tr>
<tr>
<td>Room Temperature (15 to 30°C)</td>
<td>2 hours</td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C)</td>
<td>3 days</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td></td>
</tr>
<tr>
<td>Room Temperature (15 to 30°C)</td>
<td>2 hours</td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C) if shipping after 2 hours of collection.</td>
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</tr>
<tr>
<td>Specimen acceptability:</td>
<td>Urine only</td>
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<tr>
<td>Freeze/Thaw:</td>
<td>N/A</td>
</tr>
<tr>
<td>Specimen rejection:</td>
<td>Improper Collection or Labeling</td>
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<tr>
<td>Methodology:</td>
<td>Pyrogallol Red</td>
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<tr>
<td>Specimen Referral:</td>
<td>None</td>
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</tbody>
</table>
### NAME: URINE CULTURE (HRM)

| ABBREVIATION: | 904751 |
| SPECIMEN TYPE: | URINE |
| STORAGE TEMP: | RM TEMP |
| SPECIMEN TYPE: | Microbiology |
| CPT CODE(S): | 87086,87088,87186,87185,87185-91,87158,87158-91,87335,87147 |
| INSTRUMENT/LOC: | MICROBIOLOGY |
| TUBE/CONTAINER: | Clean Catch Urine (1) |
| TESTS: | BLOOD AGAR, MACCONKEY |
| ASTM/HL7/SDF 1: | 904751 |
| VALID ICD-9 CODES: | Yes |
| VALID ICD-10 CODES: | Yes |

### NOTES: Patient preparation:
- Patient should be instructed to collect a clean catch, midstream urine specimen in a sterile cup.

### Test includes:
- Colony count; Identification and sensitivity of possible pathogens.

### Specimen collection:
- Clean catch midstream urine; Catheterized urine in a sterile container or syringe;
- Cystoscopic urine in a sterile tube; Suprapubic aspirate in a sterile syringe.
- Short collection less than 4ml submitted in Sterile cup.

### Conditions for specimen transportation:
- Urine transport vials - room temperature; Sterile cup– refrigerated.

### Specimen processing:
- Transfer urine from cup to urine transport vial if minimum fill line met.

### Specimen acceptability:
- Cultured within 2 hours of collection if at room temp.
- Cultured within 24 hours of collection if left in sterile cup that is refrigerated
- Cultured within 48 hours of collection if stored in urine transport vial (Gray top culture and sensitivity tube containing preservative)

### Specimen rejection:
- Sample received beyond acceptability periods listed above; Sample collected in a non-sterile container; Minimum fill line not met for urine transport vial (gray top culture and sensitivity tube)

### Specimen storage and preservation:
- After testing, transport vials are stored at room temperature for 1 week.

### Freeze/Thaw:
- None

### Methodology:
- Manual

### Specimen referral:
- Identification of Salmonella, Shigella and vibrio are reported to the Texas Department of State and Health Services
NAME: UREA NITROGEN 24HR URINE
ABBREVIATION: 904760
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP
CPT CODE(S): 904760
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: 24HR JUG (1)
TESTS: Urea Nitrogen Urine, Urea Nitrogen Ur Total Volume, 24 Hr Urea Nitrogen Urine
ASTM/HL7/SDF 1: 904760
CPL: 2046
ZCPL: 2046
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None
Specimen collection: 24 hour Urine
Specimen processing: None
Specimen storage and preservation: Keep 24 Hr Urine container refrigerated during collection.
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) 3 days
Conditions for specimen transportation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.
Specimen acceptability: Urine only
Freeze/Thaw: N/A
Specimen rejection: Improper Collection or Labeling
Methodology: Enzymatic
Specimen Referral: None
NAME: AMYLASE 6 HR URINE
ABBREVIATION: 904766
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 904766
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ6 (1)
TESTS: No tests in this specimen
INFORMATION: Collect 6 hour urine, Measure and Record Total Volume. Alq.
ASTM/HL7/SDF 1: 904766
CPL: 2029
ZCPL: 2029
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
4 mL aliquot from a well-mixed 24 hour or timed urine collection with no preservative. Specimen must be refrigerated during collection. Record total volume and duration of collection. Refrigerate.

Volume
0.5 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 10 days refrigerated; 3 weeks frozen

Specimen Rejection:
Urine collected in preservatives

Methodology:
Quantitative enzymatic

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: HAPTOGLOBIN QNT
ABBREVIATION: 904769
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 904769
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 904769
CPL: 4856
ZCPL: 4856
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week refrigerated; 3 months frozen

Specimen Rejection:
Will reject due to hemolysis
Will reject due to lipemia

Methodology:
Nephelometry

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: HCG QUANTITATIVE (5th IS)
ABBREVIATION: 904786
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 904786
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Beta HCG-Quantitative
ASTM/HL7/SDF 1: 904786
CPL: 2713
ZCPL: 2713
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME</th>
<th>ABBREVIATION</th>
<th>SPECIMEN TYPE</th>
<th>STORAGE TEMP</th>
<th>CPT CODE(S)</th>
<th>INSTRUMENT/LOC</th>
<th>TUBE/CONTAINER</th>
<th>TESTS</th>
<th>ASTM/HL7/SDF 1</th>
<th>CPL</th>
<th>ZCPL</th>
<th>VALID ICD-9 CODES</th>
<th>VALID ICD-10 CODES</th>
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<tr>
<td>ALCOHOL URINE QUAL</td>
<td>904832</td>
<td>Urine</td>
<td>REFRIG</td>
<td>904832</td>
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<td>CPL RU CUP (1)</td>
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<td>Urine collection container</td>
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<td>CONDITIONS FOR SPECIMEN TRANSPORTATION</td>
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<td>SPECIMEN ACCEPTABILITY</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>1 day room temperature; 1 week refrigerated</td>
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<td></td>
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<tr>
<td>METHODOLOGY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Siemens emit ii (enzyme multiplied immunoassay) Olympus AU platform</td>
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<td>SPECIMEN REFERRAL</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Clinical Pathology Laboratories</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Name: HEPATITIS B DNA BRANCHED

<table>
<thead>
<tr>
<th>NAME</th>
<th>ABBREVIATION</th>
<th>SPECIMEN TYPE</th>
<th>STORAGE TEMP</th>
<th>CPT CODE(S)</th>
<th>INSTRUMENT/LOC</th>
<th>TUBE/CONTAINER</th>
<th>TESTS</th>
<th>ASTM/HL7/SDF 1</th>
<th>CPL</th>
<th>ZCPL</th>
<th>VALID ICD-9 CODES</th>
<th>VALID ICD-10 CODES</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME: HEPATITIS B DNA BRANCHED</td>
<td>904886</td>
<td>Serum</td>
<td>CR FZN</td>
<td>904886</td>
<td>CPL</td>
<td>C600 PLR (1), C600A WILD FZN (1)</td>
<td>No</td>
<td>904886</td>
<td>5676</td>
<td>5676</td>
<td>No</td>
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</table>
Order Choice Information

NAME: CULTURE YERSINIA  
ABBREVIATION: 904888  
SPECIMEN TYPE: STOOL  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 904888  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL STL CX (1)  
TESTS: No tests in this specimen  
INFORMATION: FRESH STOOL IN FECAL TRANSPORT VIAL (CARY BLAIR WITH INDICATOR). REFRIGERATE.  
Specimen Stability: 2 DAYS IN STOOL CULTURE PRESERVATIVE <24 HOURS FOR REFRIGERATED FRESH STOOL  
ASTM/HL7/SDF 1: 904888  
CPL: 6054  
ZCPL: 6054  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Fecal transport container  
Specimen Processing:  
Fresh stool in fecal transport vial (cary blair with indicator). Refrigerate.  
Note: no more than two bacteriology specimens are recommended. Two specimens should be submitted in separate days to increase the probability of recovering pathogens. Two separate specimens will pick up 99% of bacterial pathogens.  
Volume  
2 grams  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
2 days in stool culture preservative <24 hours for refrigerated fresh stool  
Specimen Rejection:  
Specimens with contamination on outside of container 
diapers or tissue paper 
dry swabs 
frozen specimens 
specimens submitted in fixative (formalin) 
expired transport media 
swabs not submitted in transport media 
viral transport media 
stool transport exhibiting yellow colored solution (beyond buffering capacity)  
Methodology:  
Standard culture procedures  
Specimen Referral:  
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: CRYPTOCOCCUS ANTIGEN</th>
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<tbody>
<tr>
<td>ABBREVIATION: 904952</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 904952</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 904952</td>
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<td>CPL: 3600</td>
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<td>ZCPL: 3600</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<td>NOTES: Specimen Collection:</td>
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<tr>
<td>CSF collection container plain red top tube for serum</td>
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<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>1 mL CSF or serum. Refrigerate. Freeze if specimen cannot be tested within 72 hours.</td>
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<tr>
<td>Volume</td>
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<tr>
<td>CSF - 0.5 mL</td>
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<td>Conditions for specimen transportation:</td>
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<tr>
<td>Refrigerated</td>
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<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>3 days refrigerated; longer frozen</td>
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<tr>
<td>Methodology:</td>
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<tr>
<td>Meridian enzyme immunoassay</td>
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<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Specimens collected with anticoagulants swabs</td>
</tr>
<tr>
<td>Specimen Referral:</td>
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<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
NAME: MYOCARDIAL AB
ABBREVIATION: 909134
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909134
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909134
CPL: 4132
ZCPL: 4132
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Methodology:
Indirect fluorescent antibody (IFA)

Specimen Rejection:
Hemolysis

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: STRIATED MUSCLE AB
ABBREVIATION: 909137
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909137
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909137
CPL: 4133
ZCPL: 4133
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Hemolysis

Methodology:
Indirect fluorescent antibody (IFA)

Specimen Referral:
Clinical Pathology Laboratories
NAME: AMYLASE ISOENZYME
ABBREVIATION: 909156
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909156
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909156
CPL: 4202
ZCPL: 4202
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 1 week room temperature; 1 month refrigerated; 1 month frozen

Methodology:
Enzymatic

Specimen Rejection:
Hemolysis
body fluid

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CANCER ANTIGEN 15-3
ABBREVIATION: 909157
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 909157
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909157
CPL: 4827
ZCPL: 4827
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
1 day room temperature; 4 days refrigerated; 1 week frozen

Methodology:
Chemiluminescence immunoassay Siemens Centaur automated method or other automated chemistry method

Specimen Referral:
Clinical Pathology Laboratories
**NAME:** PROZAC (FLUOXETINE)  
**ABBREVIATION:** 909166  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 909166  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5956 PLR (1), C5956A SRM (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PLRED.  
**ASTM/HL7/SDF 1:** 909166  
**CPL:** 5956  
**ZCPL:** 5956  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Plain red top tube  
Specimen Processing:  
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.  
**Volume**  
0.5 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
2 days room temperature; 2 weeks refrigerated; 2 weeks frozen  
Specimen Rejection:  
Samples collected in serum separator tube  
Methodology:  
High performance liquid chromatography (hplc)  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: ACETYLCHOLINE BINDING AB
ABBREVIATION: 909175
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909175
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: ALQ2 (1), C4628 SST (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909175
CPL: 4628
ZCPL: 4628
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 hours room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
room temperature samples
contaminated samples
plasma
avoid repeated freeze/thaw cycles

Methodology:
Radioimmunoassay (ria)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>Name:</th>
<th>DRUG SCREEN LSD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviation:</td>
<td>909200</td>
</tr>
<tr>
<td>Specimen Type:</td>
<td>Urine</td>
</tr>
<tr>
<td>Storage Temp:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT Code(s):</td>
<td>909200</td>
</tr>
<tr>
<td>Instrument/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>Tube/Container:</td>
<td>CPL RU CUP (1)</td>
</tr>
<tr>
<td>Tests:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>Information:</td>
<td>PROTECT FROM LIGHT.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF Code:</td>
<td>909200</td>
</tr>
<tr>
<td>CPL:</td>
<td>5941</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>5941</td>
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<td>Valid ICD-9 Codes:</td>
<td>No</td>
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<tr>
<td>Valid ICD-10 Codes:</td>
<td>No</td>
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<tr>
<td>Notes:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Urine collection container</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>10 mL random urine. Protect from light. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume</td>
</tr>
<tr>
<td></td>
<td>10 mL urine</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated protect from light</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>1 month room temperature; 1 month refrigerated;</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Samples not protected from light</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Immunoassay (IA)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
NAME: ENDOOMYOSIAL ANTIBODY
ABBREVIATION: 909257
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909257
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909257
CPL: 4721
ZCPL: 4721
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Processing:
1 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30
MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER
SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE. WHEN MULTIPLE TESTS ARE
ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.

Specimen Collection:
Serum separator tube

Volume
1 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
Unacceptable room temperature;

Specimen Rejection:
Hemolysis

Methodology:
IFA

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: LIVER KIDNEY MICROSOMAL AB (LKM)
ABBREVIATION: 909258
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909258
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909258
CPL: 4682
ZCPL: 4682
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 8 hours room temperature; 21 days refrigerated; 30 days frozen

Specimen Rejection:
Hemolysis
lipemia

Methodology:
Enzyme immunoassay (eia)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: ALPHA 2 MACROGLOBULIN
ABBREVIATION: 909295
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909295
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909295
CPL: 4200
ZCPL: 4200
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.

Volume
0.4 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 8 hours room temperature; 8 days refrigerated; 1 year frozen (if frozen within 24 hrs)

Specimen Rejection:
Hemolysis
avoid repeated freeze/thaw cycles

Methodology:
Nephelometry

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** ARSENIC, URINE  
**ABBREVIATION:** 909304  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 909304  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL 24U ALQ (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 909304  
**CPL:** 4320  
**ZCPL:** 4320  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Trace-element free transport tube  
Specimen Processing:  
8 mL aliquot from a well-mixed 24 hour urine collection. Specimen must be refrigerated during collection. Record total volume. Refrigerate. Diet, medication and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, nonessential over-the-counter medications (upon the advice of their physician), and avoid shellfish and seafood for 48 to 72 hours. High concentrations of iodine may interfere with elemental testing. Abstinence from iodine-containing medications or contrast agents for at least 1 month prior to collecting specimens for elemental testing is recommended.  
**Volume**  
2 mL urine  
**Conditions for specimen transportation:**  
Refrigerated  
**Specimen Acceptability:**  
1 week room temperature; 2 weeks refrigerated; 1 year frozen  
**Specimen Rejection:**  
Urine collected within 48 hours of gadolinium (mri) acid-preserved urine  
**Methodology:**  
Inductively coupled plasma/mass spectrometry (icp/ms)  
**Specimen Referral:**  
Clinical Pathology Laboratories
<table>
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<tr>
<th><strong>NAME:</strong></th>
<th>C5 COMPLEMENT</th>
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<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>909309</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>Serum</td>
</tr>
<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>CR FZN</td>
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<tr>
<td><strong>CPT CODE(S):</strong></td>
<td>909309</td>
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<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>C4536 PLR (1), C4536A SRM FZN (1)</td>
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<tr>
<td><strong>TESTS:</strong></td>
<td>No tests in this specimen</td>
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<tr>
<td><strong>INFORMATION:</strong></td>
<td>PLRED, ALLOW BLOOD TO CLOT 1 HOUR, FREEZE SERUM.</td>
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<tr>
<td><strong>NOTE:</strong></td>
<td>PATIENT MUST BE FASTING.</td>
</tr>
<tr>
<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>909309</td>
</tr>
<tr>
<td><strong>CPL:</strong></td>
<td>4536</td>
</tr>
<tr>
<td><strong>ZCPL:</strong></td>
<td>4536</td>
</tr>
<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
- Serum separator tube

**Specimen Processing:**
- 1 mL serum. Allow SST to clot at room temperature in an upright position for at least 60 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ).
- When multiple tests are ordered, submit separate tube for this test.

**Volume**
- 0.5 mL frozen serum

**Conditions for specimen transportation:**
- Critical frozen (CFZ)

**Specimen Acceptability:**
- After separation from cells: 2 hours room temperature; unacceptable refrigerated; 2 weeks frozen

**Specimen Rejection:**
- Room temperature samples
- Refrigerated samples
- Plasma
- Samples left to clot at refrigerated temperature

**Methodology:**
- Radial immunodiffusion

**Specimen Referral:**
- Clinical Pathology Laboratories
Order Choice Information

NAME: CAFFEINE (NEONATES)
ABBREVIATION: 909313
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 909313
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5908 PLR (1), C5908A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909313
CPL: 5908
ZCPL: 5908
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube
Specimen Processing:
0.5 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.
Test performed on neonates only.
Volume
0.3 mL serum
Conditions for specimen transportation:
Refrigerated
Specimen Acceptability:
1 hour room temperature; 1 week refrigerated
Specimen Rejection:
Samples from adult patients
Methodology:
Emit immunoassay
Specimen Referral:
Clinical Pathology Laboratories

NAME: CULTURE CATHETER TIP
ABBREVIATION: 909315
SPECIMEN TYPE: MISC
STORAGE TEMP: RM TEMP
CPT CODE(S): 909315
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CUP (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909315
CPL: wild
ZCPL: wild
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NAME: AC COXSACKIE A ANTIBODIES
ABBREVIATION: 909324
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909324
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: Mark sample and req with acute or convalescent status.
ASTM/HL7/SDF 1: 909324
CPL: 4538
ZCPL: 4538
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
contaminated samples
avoid repeated freeze/thaw cycles

Methodology:
Complement fixation (cf)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>CRYPTOSPORIDIUM ANTIGEN</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>STOOL</td>
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<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>CR FZN</td>
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<td><strong>CPT CODE(S):</strong></td>
<td>909325</td>
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<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>STOOL CUP (1)</td>
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<tr>
<td><strong>TESTS:</strong></td>
<td>No tests in this specimen</td>
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<tr>
<td><strong>INFORMATION:</strong></td>
<td>5 ML WATERY OR MARBLE SIZE FORMED STOOL. IF TESTING WILL NOT BE PERFORMED WITHIN 24 HOURS OF COLLECTION, FREEZE.</td>
</tr>
<tr>
<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>909325</td>
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<tr>
<td><strong>CPL:</strong></td>
<td>7051</td>
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<td><strong>ZCPL:</strong></td>
<td>7051</td>
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<tr>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
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<td><strong>NOTES:</strong></td>
<td>Specimen Collection:</td>
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<td></td>
<td>Stool collection container</td>
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<tr>
<td></td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>1 gram fresh stool. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume</td>
</tr>
<tr>
<td></td>
<td>1 gram stool</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td></td>
<td>Refrigerated</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td></td>
<td>Unstable room temperature; 2 days refrigerated; 1 week frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td></td>
<td>Will reject samples submitted in preservatives other than 10% formalin</td>
</tr>
<tr>
<td></td>
<td>will reject samples that have been concentrated</td>
</tr>
<tr>
<td></td>
<td>will reject swabs</td>
</tr>
<tr>
<td></td>
<td>Methodology:</td>
</tr>
<tr>
<td></td>
<td>Immunoassay/spectrophotometry</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral:</td>
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<td></td>
<td>Clinical Pathology Laboratories</td>
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</tbody>
</table>
Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>DIAZEPAM (VALIUM)</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>909327</td>
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<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<td>INSTRUMENT/LOC:</td>
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<tr>
<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
<td>3031</td>
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<td>ZCPL:</td>
<td>3031</td>
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<tr>
<td>VALID ICD9 CODES:</td>
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</tr>
<tr>
<td>VALID ICD10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Plain red top tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.6 mL</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>2 days room temperature; 2 weeks refrigerated 2 weeks frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Samples collected in serum separator tube</td>
</tr>
<tr>
<td>Methodology:</td>
<td>High performance liquid chromatography (hplc)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: GLOMERULAR BASEMENT AB  
ABBREVIATION: 909343  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 909343  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 909343  
CPL: 4968  
ZCPL: 4968  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
Volume  
0.5 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
8 hours room temperature; 1 week refrigerated; 2 weeks frozen  
Specimen Rejection:  
Gross hemolysis  
gross lipemia  
Methodology:  
Enzyme-linked immunosorbent assay (ELISA)  
Specimen Referral:  
Clinical Pathology Laboratories
| **NAME:** | GRANULOCYTE ANTIBODIES |
| **ABBREVIATION:** | 909346 |
| **SPECIMEN TYPE:** | Serum |
| **STORAGE TEMP:** | REFRIG |
| **CPT CODE(S):** | 909346 |
| **INSTRUMENT/LOC:** | CPL |
| **TUBE/CONTAINER:** | C4561 PLR (1), C4561A SRM (1) |
| **TESTS:** | No tests in this specimen |
| **INFORMATION:** | PRE-TRANSFUSION SAMPLES SHOULD BE SUBMITTED. |

**ASTM/HL7/SDF 1:** 909346

**CPL:** 4561
**ZCPL:** 4561

**VALID ICD-9 CODES:** No
**VALID ICD-10 CODES:** No

**NOTES:**
Specimen Collection:
Plain red top tube

Specimen Processing:
2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate. Only pre-transfusion samples should be submitted.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week room temperature; 1 month refrigerated; 1 year frozen

Specimen Rejection:
Samples collected in serum separator tube

Methodology:
Indirect immunofluorescence

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>Name: H Pylori Ab Igm</th>
<th>Abbreviation: 909348</th>
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<tbody>
<tr>
<td>Specimen Type: Serum</td>
<td>Storage Temp: REFRIG</td>
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<tr>
<td>CPT Code(s): 909348</td>
<td>Instrument/LOC: CPL</td>
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<tr>
<td>Tube/Container: CPL Serum ALQ (1), CPL SST GOLD (1)</td>
<td>Test(s): No tests in this specimen</td>
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<td>ZCPL: 4607</td>
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<tr>
<td>Valid ICD-10 Codes: No</td>
<td>Notes: Specimen Collection: Serum separator tube</td>
</tr>
</tbody>
</table>

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 10 days refrigerated; indefinite frozen

Specimen Rejection:
Gross hemolysis
Lipemia

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>HERPES SIMPLEX IGM</th>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SST GOLD (1)</td>
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<td>TESTS:</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
<td>2 mL</td>
</tr>
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<td>Conditions for specimen transportation:</td>
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<tr>
<td>Specimen Acceptability:</td>
<td>2 days room temperature; 2 weeks refrigerated;</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Semi-quantitative enzyme-linked immunosorbent</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: HISTONE ANTIBODIES
ABBREVIATION: 909351
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909351
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909351
CPL: 4507
ZCPL: 4507
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Specimen Rejection:
Hemolysis
lipemia
contaminated samples

Methodology:
Multiplex microparticle immunoassay

Specimen Referral:
Clinical Pathology Laboratories
NAME: HIV 1 RNA QUALITATIVE
ABBREVIATION: 909353
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: REFRIG
CPT CODE(S): 909353
INSTRUMENT/LOC: LABCORP
TUBE/CONTAINER: EDTA PLASMA (1), LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909353
CPL: 4861
LABCORP: 139350
ZCPL: 4861
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen:
Plasma or serum
Volume:
1 mL
Minimum Volume:
0.5 mL
Container:
Lavender-top (EDTA) tube, yellow-top (ACD) tube, red-top tube, or gel-barrier tube
Storage Instructions:
Sample may be stored for 72 hours at room temperature. It is recommended that serum or plasma be refrigerated or frozen for shipment.
Stability:
Temperature/Period
Room temperature - 3 days
Refrigerated - 14 days
Frozen - 6 months
Freeze/thaw cycles - Stable x5
Causes for Rejection:
Specimen grossly hemolyzed; received outside of specimen and/or storage requirements
Use:
This test is intended for use as an aid in the diagnosis of HIV-1 infection, including acute or primary infection. Presence of HIV-1 RNA in the plasma of patients without antibodies to HIV-1 is indicative of acute or primary HIV-1 infection. This assay may also be used as an additional test, when it is reactive, to confirm HIV-1 infection in an individual whose specimen is repeatedly reactive for HIV-1 antibodies. This assay is not intended for use in donor testing.
Methodology:
Transcription-mediated amplification (TMA)
Order Choice Information

NAME: HIV 1 P24 ANTIGEN
ABBREVIATION: 909354
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 909354
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST TIGER (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909354
CPL: 4882
ZCPL: 4882
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate tube for this test.

Volume
1 mL

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature;

Specimen Rejection:
Gross hemolysis

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

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<td>NOTES:</td>
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<tr>
<td></td>
<td>Sterile collection container</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>Respiratory tract secretions, washings, or aspirates.</td>
</tr>
<tr>
<td></td>
<td>Do not use saline for collection. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume</td>
</tr>
<tr>
<td></td>
<td>2 mL fluid or 0.5 g tissue</td>
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<tr>
<td></td>
<td>Conditions for specimen transportation:</td>
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<tr>
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<td>Refrigerated</td>
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<tr>
<td></td>
<td>Specimen Acceptability:</td>
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<tr>
<td></td>
<td>2 hours room temperature; 3 days refrigerated;</td>
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<td>Samples collected with saline</td>
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<td>Methodology:</td>
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<td>Standard culture techniques</td>
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<td>Specimen Referral:</td>
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<td>Clinical Pathology Laboratories</td>
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</table>

Specimen Collection:
Sterile collection container

Specimen Processing:
Respiratory tract secretions, washings, or aspirates.
Do not use saline for collection. Refrigerate.

Volume
2 mL fluid or 0.5 g tissue

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 hours room temperature; 3 days refrigerated;

Specimen Rejection:
Samples collected with saline

Methodology:
Standard culture techniques

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: LYSOZYME SERUM
ABBREVIATION: 909360
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909360
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909360
CPL: 4241
ZCPL: 4241
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.4 mL serum

Conditions for specimen transportation:
Refrigerate

Specimen Acceptability:
After separation from cells: 8 hours room temperature; 1 week refrigerated; 3 months frozen

Specimen Rejection:
Urine samples

Methodology:
Radial immunodiffusion

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: METHYLMALONIC ACID SERUM  
ABBREVIATION: 909366  
SPECIMEN TYPE: Serum  
STORAGE TEMP: CR FZN  
CPT CODE(S): 909366  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 909366  
CPL: 4291  
ZCPL: 4291  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.  

Volume  
0.3 mL serum or plasma  

Conditions for specimen transportation:  
Critical frozen (CFZ)  

Specimen Acceptability:  
After separation from cells: 1 day room temperature; 5 days refrigerated; 1 month frozen  

Specimen Rejection:  
Room temperature samples  

Methodology:  
Liquid chromatography/tandem mass spectrometry (LC-MS/MS)  

Specimen Referral:  
Clinical Pathology Laboratories
### NAME: MYOGLOBIN 24 HR URINE  
**ABBREVIATION:** 909369  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 909369  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL 24U ALQ (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** FREEZE 24 U ALQ.  
**ASTM/HL7/SDF 1:** 909369  
**CPL:** 4418  
**ZCPL:** 4418  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
- Specimen Collection:  
  - Urine collection container  
- Specimen Processing:  
  - 24 hour urine refrigerated during collection. Record total volume. Transfer 1 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. Critical frozen (CFZ).  
  - When multiple tests are ordered, submit separate sample for this test.  
- Volume  
  - 0.5 mL urine  
- Conditions for specimen transportation:  
  - Critical frozen (CFZ)  
- Specimen Acceptability:  
  - At a ph of 8-9: 1 hour room temperature; 3 days refrigerated; 1 month frozen  
- Specimen Rejection:  
  - Room temperature samples  
- Methodology:  
  - Electrochemiluminescent immunoassay  
- Specimen Referral:  
  - Clinical Pathology Laboratories

### NAME: PARAINFLUENZA TYPE 1-3 IGG  
**ABBREVIATION:** 909371  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 909371  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 909371  
**CPL:** 5639  
**ZCPL:** 5639  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
- Methodology: ELISA CPT 86790x6 8/2/4/05 JLS
Order Choice Information

NAME: PARIETAL CELL ANTIBODY
ABBREVIATION: 909372
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909372
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909372
CPL: 4510
ZCPL: 4510
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 8 hours room temperature; 2 days refrigerated; 2 weeks frozen

Specimen Rejection:
Hemolysis
lipemia

Methodology:
Enzyme immunoassay (eia)

Specimen Referral:
Clinical Pathology Laboratories

NAME: PATHOLOGY SMEAR REVIEW
ABBREVIATION: 909375
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
INSTRUMENT/LOC: PATH ML
TUBE/CONTAINER: SLIDE HOLDER (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909375
CPL: 1022
ZCPL: 1022
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: deactivated 4.26.06 jkl; use panel code instead
reactivated 6.8.06 and made OE rule to order Peripheral Blood Smear components.
**Order Choice Information**

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<th>POLIOVIRUS TYPE 1-3 ANTIB</th>
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<tbody>
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<tr>
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<td>ASTM/HL7/SDF 1:</td>
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<td>NOTES:</td>
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Specimen Collection:  
SST separator tube |
| Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
Volume  
0.5 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
2 days room temperature; 1 week refrigerated; 2 months frozen  
Methodology:  
Immunofluorescence antibody (IFA)  
Specimen Processing:  
Clinical Pathology Laboratories |
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME</th>
<th>RICKETTSIA TYPHUS IgG</th>
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<tr>
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<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis</td>
</tr>
<tr>
<td></td>
<td>lipemia</td>
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<tr>
<td></td>
<td>contaminated samples</td>
</tr>
<tr>
<td></td>
<td>heat-inactivated samples</td>
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<tr>
<td></td>
<td>avoid repeated freeze/thaw cycles</td>
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<tr>
<td>Methodology:</td>
<td>Semi-quantitative indirect immunofluorescence AB</td>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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NAME: RUBELLA IGM AB  
ABBREVIATION: 909390  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 909390  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 909390  
CPL: 4602  
ZCPL: 4602  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.  
Volume  
0.5 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
3 days refrigerated; 6 months frozen  
Methodology:  
Chemiluminescent enzyme immunoassay  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: SKELETAL (STRIATED) MUSCLE AB
ABBREVIATION: 909393
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909393
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4515 PLR (1), C4515A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909393
CPL: 4515
ZCPL: 4515
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Hemolysis

Methodology:
Indirect fluorescent antibody (IFA)

Specimen Referral:
Clinical Pathology Laboratories
NAME:  RICKETTSIA TYPHUS IgM
ABBREVIATION:  909399
SPECIMEN TYPE:  Serum
STORAGE TEMP:  REFRIG
CPT CODE(S):  909399
INSTRUMENT/LOC:  CPL
TUBE/CONTAINER:  CPL SST GOLD (1)
TESTS:  No tests in this specimen
ASTM/HL7/SDF 1:  909399
CPL:  2252
ZCPL:  2252
VALID ICD-9 CODES:  No
VALID ICD-10 CODES:  No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.
Volume
0.5 mL serum
Conditions for specimen transportation:
Refrigerated
Specimen Acceptability:
3 days refrigerated; 1 year frozen
Specimen Rejection:
Hemolysis
lipemia
contaminated samples
avoid repeated freeze/thaw cycles
Methodology:
Semi-quantitative indirect immunofluorescence AB
Specimen Referral:
Clinical Pathology Laboratories
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<td><strong>SPECIMEN TYPE:</strong></td>
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<td>Room Temperature (15 to 30°C) 2 hours</td>
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<td>Refrigerated (2 to 8°C) 3 days</td>
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<td><strong>CPL-REFRIGERATE</strong></td>
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<td>Room Temperature (15 to 30°C) 2 hours</td>
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<td>Refrigerated (2 to 8°C) if shipping after 2 hours of collection.</td>
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<td>Specimen acceptability: Urine only</td>
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<td>Specimen rejection:</td>
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<td>Methodology:</td>
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### Order Choice Information

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<td>NOTES:</td>
<td>Specimen Collection: Specimen collection container</td>
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<tr>
<td>Specimen Processing:</td>
<td>5 mL urine, 0.5 gm feces, 0.5 mL sputum, or 0.5 mL body fluid. Room temperature. For STAT orders, please contact your local CPL laboratory for local specimen requirements.</td>
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<tr>
<td>Volume</td>
<td>0.5 gm or 0.5 mL</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Room temperature</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>1 day room temperature</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Wright's stain smear examined microscopically</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

<table>
<thead>
<tr>
<th>NAME: GLUCOSE RANDOM URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 909402</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Urine</td>
</tr>
<tr>
<td>STORAGE TEMP: REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 909402</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL RU CUP (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 909402</td>
</tr>
<tr>
<td>CPL: 4348</td>
</tr>
<tr>
<td>ZCPL: 4348</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
</tbody>
</table>
 Specimen Collection: Urine collection container
 Specimen Processing: 24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate sample for this test.
 Volume 1 mL urine
 Conditions for specimen transportation: Critical frozen (CFZ)
 Specimen Acceptability: 2 hours room temperature; 2 hours refrigerated; 2 days frozen
 Specimen Rejection: Samples submitted in preservatives
 Methodology: Enzymatic
 Specimen Referral: Clinical Pathology Laboratories
NAME: CULTURE VIRAL
ABBREVIATION: 909407
SPECIMEN TYPE: SWAB
STORAGE TEMP: CR REFRIG
CPT CODE(S): 909407
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: VIRAL MEDIA (1)
TESTS: No tests in this specimen
INFORMATION: PRIMARY SPECIMEN (EYE SWAB, LESION, URINE, STOOL, OR TISSUE) IN VIRAL TRANSPORT MEDIA. CRITICAL REFRIGERATE. SPECIMEN SOURCE IS REQUIRED.

ASTM/HL7/SDF 1: 909407
CPL: 6065
LABCORP: 008573
ZCPL: 6065
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Viral transport media

Specimen Processing:
Primary specimen (eye swab, lesion, urine, or tissue) in viral transport media. Critical refrigerate (CRF).
Specimen source is required.

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
2 hours room temperature;

Specimen Rejection:
Dry swabs

Methodology:
Cell culture

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: HERPES SIMPLEX 1&2 IGG IGM
ABBREVIATION: 909440
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909440
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF: 909440
CPL: 4647
LABCORP: 164806
ZCPL: 4647
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 7 days refrigerated;

Specimen Rejection:
Gross hemolysis

Methodology:
Chemiluminescent immunoassay

Specimen Referral:
Clinical Pathology Laboratories

Printed on: January 29, 2016  3:28 PM
<table>
<thead>
<tr>
<th>NAME: CULTURE VARICELLA ZOSTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 909477</td>
</tr>
<tr>
<td>SPECIMEN TYPE: SWAB</td>
</tr>
<tr>
<td>STORAGE TEMP: CR REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 909477</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: VIRAL MEDIA (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 909477</td>
</tr>
<tr>
<td>CPL: 6065</td>
</tr>
<tr>
<td>ZCPL: 6065</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Preferred Specimen:</td>
</tr>
<tr>
<td>primary specimen (eye swab, lesion, urine, or tissue) in viral transport media. Critical refrigerate (CRF). Specimen source is required.</td>
</tr>
<tr>
<td>Container Type:</td>
</tr>
<tr>
<td>Viral transport media</td>
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<tr>
<td>Transport Temperature:</td>
</tr>
<tr>
<td>Critical refrigerated (CRF)</td>
</tr>
<tr>
<td>Specimen Stability:</td>
</tr>
<tr>
<td>2 hours room temperature;</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Cell culture</td>
</tr>
<tr>
<td>Rejection Criteria:</td>
</tr>
<tr>
<td>Dry swabs</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

**NOTES:**
- **Preferred Specimen:**
  - primary specimen (eye swab, lesion, urine, or tissue) in viral transport media. Critical refrigerate (CRF).
  - Specimen source is required.

**Container Type:**
- Viral transport media

**Transport Temperature:**
- Critical refrigerated (CRF)

**Specimen Stability:**
- 2 hours room temperature

**Methodology:**
- Cell culture

**Rejection Criteria:**
- Dry swabs
### Order Choice Information

**NAME:** EPSTEIN BARR CAPSID IGG  
**ABBREVIATION:** 909498  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 909498  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** EVOLI GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 909498  
**CPL:** 4552  
**ZCPL:** 4552  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.  

Volume  
0.4 mL serum  

Conditions for specimen transportation:  
Refrigerated  

Specimen Acceptability:  
1 day room temperature; 1 week refrigerated  

Specimen Rejection:  
Hemolysis  
lipemia  

Methodology:  
Clia competitive chemiluminescence  

Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: HCV RNA, PCR QUANT
ABBREVIATION: 909499
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909499
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST TIGER (1)
TESTS: No tests in this specimen
INFORMATION: Seal in plastic polypropylene aliquot tube with red tape
ASTM/HL7/SDF 1: 909499
CPL: 4571
ZCPL: 4571
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 6 hours of collection. Transfer serum to a polypropylene transport tube. Refrigerate. When multiple tests are ordered, submit separate tube for this test.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days refrigerated; 6 weeks frozen

Specimen Rejection:
Samples not separated from cells within 6 hours
samples collected in heparin anticoagulant
samples submitted in polystyrene tubes

Methodology:
Cobas ampliprep/cobas taqman note: this test is intended for use in conjunction with clinical presentation and other laboratory markers as an indicator of disease prognosis or in assessing response to antiviral therapy. Positive HCV PCR results establish active, viremic HCV infection. Negative HCV PCR results may represent absence of Hepatitis C virus, inactive Hepatitis C, low level infection below limit of detection, or specimen sampling or collection error. This test should not be used alone to establish or exclude HCV exposure or infection.

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME: ENOLASE NEURON SPECIFIC</th>
<th>ABBREVIATION: 909513</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIMEN TYPE: Serum</td>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: CR FZN</td>
<td>STORAGE TEMP: CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S): 909513</td>
<td>CPT CODE(S): 909513</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: C4899 PLR (1), C4899A SRM FZN (1)</td>
<td>TUBE/CONTAINER: C4899 PLR (1), C4899A SRM FZN (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 909513</td>
<td>ASTM/HL7/SDF 1: 909513</td>
</tr>
<tr>
<td>CPL: 4899</td>
<td>CPL: 4899</td>
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<tr>
<td>ZCPL: 4899</td>
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<td>VALID ICD-9 CODES: No</td>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Plain red top tube</td>
<td>Plain red top tube</td>
</tr>
</tbody>
</table>

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube immediately. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL frozen serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
Unacceptable room temperature; 1 day refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
room temperature samples
plasma
avoid repeated freeze/thaw cycles

Methodology:
Enzyme immunoassay (eia)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: GLUCOSE 2HR PRANDIAL
ABBREVIATION: 909514
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 909514
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Glucose 2Hr Post Prandial
INFORMATION: ONLY DRAW 2 HR SPECIMEN POST GLUCOSE LOAD. NO FASTING SAMPLE REQUIRED UNLESS ORDERED SEPERATELY BY DOCTOR.

PATIENT MUST BE FASTING, REGARDLESS IF THEY WILL BE DRAWN FOR FASTING SAMPLE.
PATIENT HAS THE OPTION OF EATING A NORMAL MEAL OR DRINKING 75 GRAMS GLUCOSE DRINK.
ASTM/HL7/SDF 1: 909514
CPL: 2107
ZCPL: 2107
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: Fasting
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Lipemia, Improper Container or Labeling.
Methodology: Glucose Oxidase
Specimen Referral: None
NAME: CD4 T4 CELL COUNT
ABBREVIATION: 909577
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 909577
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV1 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909577
CPL: 4875
LABCORP: 505008
ZCPL: 4875
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Critical room temperature (CRT).

Volume
2 mL EDTA whole blood

Conditions for specimen transportation:
Critical room temperature (CRT)

Specimen Acceptability:
3 days room temperature

Specimen Rejection:
Hemolysis

Methodology:
Flow cytometry by beckton-dickinson facscalibur

Specimen Referral:
Clinical Pathology Laboratories
NAME: CARNITINE LEVEL
ABBREVIATION: 909677
SPECIMEN TYPE: NAHEP PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 909677
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4212 DKGN (1), C4212A PL FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909677
CPL: 4212
ZCPL: 4212
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium or lithium heparin (green top) tube

Specimen Processing:
1 mL sodium or lithium heparin plasma. Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube. Freeze.
Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
1 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature;

Specimen Rejection:
Hemolysis

Methodology:
Spectrophotometry

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: THYROID PEROXIDASE AB. (TPO)
ABBREVIATION: 909681
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909681
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: ALQ1 (1), SST GOLD (1)
TESTS: Thyroperoxidase Antibody
INFORMATION: Within two hours after centrifugation, transfer cell-free serum to an aliquot tube.
Tightly stopper the tube immediately.
ASTM/HL7/SDF 1: 909681
CPL: 4513
ZCPL: 4513
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: SST Serum
Specimen Processing: Centrifuge @ 3000 rpm for 10 minutes.
Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
If testing not done within 2 hours, transfer into aliquot tube.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation: Aliquot within 2 hours for transportation.
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - Serum only
Freeze Thaw Cycle: 3 cycle
Specimen Rejection: Hemolyzed or Grossly Lipemic Specimen, Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CATECHOLAMINES PLASMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>909686</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>NAHEP PLASMA</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>909686</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>C4211 DKGRN (1), C4211A PL FZN (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>PT SHOULD BE CALM AND IN SUPINE POSITION 30 MIN PRIOR TO DRAW. CHILL TUBE PRIOR TO COLLECTION. ASTM/HL7/SDF 1: 909686 CPL: 4211 ZCPL: 4211</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Sodium or lithium heparin (green top) tube Specimen Processing: 4 mL heparin plasma. Chill tubes prior to collection. Patient should be calm and in supine position 30 minutes prior to collection. Centrifuge sample and separate plasma from cells within 1 hour of collection. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test. Volume 2.1 mL plasma Conditions for specimen transportation: Critical frozen (CFZ) Specimen Acceptability: After separation from cells: unacceptable room temperature; unacceptable refrigerated; 1 month frozen Specimen Rejection: Room temperature samples refrigerated samples EDTA plasma serum urine Methodology: High performance liquid chromatography (hplc) Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

---

**ASTM/HL7/SDF 1**

**909686**

**CPL:** 4211

**ZCPL:** 4211

**VALID ICD-9 CODES:** No

**VALID ICD-10 CODES:** No

**NOTES:**

**Specimen Collection:**

Sodium or lithium heparin (green top) tube

**Specimen Processing:**

4 mL heparin plasma. Chill tubes prior to collection. Patient should be calm and in supine position 30 minutes prior to collection. Centrifuge sample and separate plasma from cells within 1 hour of collection. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

**Volume**

2.1 mL plasma

**Conditions for specimen transportation:**

Critical frozen (CFZ)

**Specimen Acceptability:**

After separation from cells: unacceptable room temperature; unacceptable refrigerated; 1 month frozen

**Specimen Rejection:**

Room temperature samples refrigerated samples EDTA plasma serum urine

**Methodology:**

High performance liquid chromatography (hplc)

**Specimen Referral:**

Clinical Pathology Laboratories
NAME: TROPONIN-I
ABBREVIATION: 909697
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 909697
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5949 PLR (1), C5949A SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909697
CPL: 5949
ZCPL: 5949
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
4 hours room temperature; 1 day refrigerated; 1 month frozen

Specimen Rejection:
Gross hemolysis
gross lipemia
thawed samples

Methodology:
Chemiluminescence immunoassay Siemens Centaur automated method or other automated chemistry method

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: LIPOPROTEIN (LITTLE A)
ABBREVIATION: 909699
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 909699
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 909699
CPL: 4359
QUEST: 91729
ZCPL: 4359
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot completely at room temperature, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week refrigerated

Specimen Rejection:
Will not reject due to hemolysis
Will not reject due to lipemia

Methodology:
Nephelometry

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>ORGANIC ACIDS URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>909702</td>
</tr>
<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>Urine</td>
</tr>
<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>CR FZN</td>
</tr>
<tr>
<td><strong>CPT CODE(S):</strong></td>
<td>909702</td>
</tr>
<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>CPL ALQ (1), CPL RU CUP (1)</td>
</tr>
<tr>
<td><strong>TESTS:</strong></td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td><strong>INFORMATION:</strong></td>
<td>FREEZE URINE ALIQUOT.</td>
</tr>
<tr>
<td><strong>NOTE:</strong></td>
<td>PATIENT AGE, FAMILY HISTORY, LIST ACUTE OR ASYMPTOMATIC, DIET, DRUG THERAPY REQUIRED FOR INTERPRETATION.</td>
</tr>
<tr>
<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>909702</td>
</tr>
<tr>
<td><strong>CPL:</strong></td>
<td>4373</td>
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<td><strong>ZCPL:</strong></td>
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</tr>
<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**

Specimen Collection:
Urine collection container

Specimen Processing:
10 mL random urine. Freeze. Critical frozen (CFZ).
Completed history sheet listing gender, age, drug therapy, and family history is required.
When multiple tests are ordered, submit separate sample for this test.
Note: certain analytes will be reported only if present at clinically significant concentrations (elevated).

Volume
3 mL urine

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature; unacceptable refrigerated; 1 month frozen

Specimen Rejection:
Room temperature samples
refrigerated samples

Methodology:
Gas chromatography/mass spectrometry (GC/MS)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: AMINO ACID FRACT URINE QNT
ABBREVIATION: 910708
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 910708
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL RU CUP (1)
TESTS: No tests in this specimen
INFORMATION: COMPLETED HISTORY FORM REQUIRED. FREEZE 10 ml Random Urine.
Note: First Morning Urine preferred.
ASTM/HL7/SDF 1: 910708
CPL: 4317
ZCPL: 4317
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
5 mL aliquot from a well-mixed random urine. First morning specimen preferred. Critical frozen (CFZ).
A completed history form is required (include patient diet, drug therapy and family history). When multiple tests are ordered, submit separate sample for this test.

Volume
3 mL urine

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature; 1 day refrigerated; 1 month frozen

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Rejection:
Room temperature samples

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CLOMPRAMINE (ANAFRANIL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>910710</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>TUBE/CONTAINER:</td>
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<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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</table>

**NOTES:**
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

**Volume**
0.5 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
After separation from cells: 5 days room temperature; 2 weeks refrigerated; 6 months frozen

**Specimen Rejection:**
Samples collected in serum separator tube
citrate plasma samples
ACD plasma samples
whole blood samples

**Methodology:**
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: ARYSULFATE A  
ABBREVIATION: 910727  
SPECIMEN TYPE: WB  
STORAGE TEMP: CR REFRIG  
CPT CODE(S): 910727  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL ACD-A YEL (1)  
TESTS: No tests in this specimen  
INFORMATION: 7mL ACD Whole Blood. Collect Mon - Wed only. Schedule in advance with CPL referral dept and request for STAT pick-up.  
ASTM/HL7/SDF 1: 910727  
CPL: 4972  
ZCPL: 4972  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
ACD (yellow top) tube  
Specimen Processing:  
7 mL ACD whole blood. Collect Monday through Wednesday.  
Must be scheduled in advance with referral department.  
Refrigerate.  
Sample must be submitted in original collection tube.  
Volume  
5 mL whole blood  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
2 days room temperature; 2 days refrigerated; unacceptable frozen  
Methodology:  
Colorimetric  
Specimen Referral:  
Clinical Pathology Laboratories
NAME: Y. ENTEROCOLITICA IGG/IGA
ABBREVIATION: 910739
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 910739
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 910739
CPL: 4246
ZCPL: 4246
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
icterus
contaminated samples
heat-inactivated samples
turbid samples

Methodology:
Immunoblot (ib)

Specimen Referral:
Clinical Pathology Laboratories
NAME: VALPROIC ACID, FREE AND TOTAL
ABBREVIATION: 910743
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 910743
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)
TESTS: No tests in this specimen
INFORMATION: DRAW 10-12 HOURS POST LAST DOSE!
ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE WITHIN 2 HOURS OF COLLECTION.
ASTM/HL7/SDF 1: 910743
CPL: 4737
ZCPL: 4737
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen collection:
Plain red top tube

Specimen Processing:
2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.
Collect pre-dose (trough) sample at steady-state condition.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Samples collected in serum separator tube

Methodology:
Quantitative enzyme multiplied immunoassay

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<tbody>
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</table>

**NOTES:**

**Specimen Collection:**
Plain red top tube

**Specimen Processing:**
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate. Note: ideal sampling time for all antiepileptic drugs is immediately before the next oral dose (trough). If this is not possible, patients should not be advised to delay their scheduled dose for longer than 2-3 hours. Sample collection and the time that the medication was last ingested should be noted on the requisition.

**Volume**
0.2 mL serum or plasma

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
4 days room temperature; 2 weeks refrigerated; 1 month frozen

**Specimen Rejection:**
Samples collected in serum separator tube

**Methodology:**
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

**Specimen Referral:**
Clinical Pathology Laboratories
# Order Choice Information

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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Processing: 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test. Specimen Collection: Serum separator tube Volume 0.1 mL frozen serum Conditions for specimen transportation: Frozen Specimen Acceptability: After separation from cells: unacceptable room temperature; 2 weeks refrigerated; 1 year frozen Specimen Rejection: Hemolysis lipemia icterus room temperature samples contaminated samples heat-inactivated samples plasma CSF body fluid Methodology: Enzyme-linked immunosorbent assay (ELISA) Specimen Referral: Clinical Pathology Laboratories</td>
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Order Choice Information

* Research/Experimental *
NAME: PURKINJE/NEURONAL IgG AB WITH REFLEX
ABBREVIATION: 910761
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 910761
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 910761
CPL: 4567
ZCPL: 4567
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.
Volume
2 mL
Conditions for specimen transportation:
Refrigerated
Specimen Acceptability:
After separation from cells:
Specimen Rejection:
Hemolysis
Methodology:
Semi-quantitative indirect immunofluorescent
Specimen Referral:
Clinical Pathology Laboratories

NAME: YO AUTOANTIBODY
ABBREVIATION: 910765
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 910765
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 910765
CPL: 5646
ZCPL: 5646
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NAME: RUBELLA IGG AB
ABBREVIATION: 910766
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 910766
INSTRUMENT/LOC: BIOPLEX
TUBE/CONTAINER: SST GOLD (1)
TESTS: Rubella IgG, RUBELLA IGG
ASTM/HL7/SDF 1: 910766
CPL: 4600
ZCPL: 4600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None

Test includes: Rubella IgG AB

Specimen collection: Gold top (SST)

Specimen storage and preservation: After testing, 1 week refrigerated

Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated

Specimen processing: Centrifuge @ 3000 rpm for 10 minutes.

Specimen acceptability: Serum; Within 7 days if refrigerated

Specimen rejection: Samples received beyond specimen acceptability period

Freeze/Thaw: 1 cycle

Methodology: Multiplex Flow Immunoassay

Specimen referral: None
NAME: COLLAGEN (PYRIDINUM) URINE
ABBREVIATION: 910777
SPECIMEN TYPE: 2NDMU
STORAGE TEMP: CR FZN
CPT CODE(S): 910777
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CUP (1)
TESTS: No tests in this specimen
INFORMATION: COLLECT SECOND MORNING RANDOM URINE, FREEZE.
If 24 HR urine submitted See Code 911130

ASTM/HL7/SDF 1: 910777
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sterile container

Specimen Processing:
5 mL urine from first morning void in sterile container.
Mix well and freeze in plastic transport tube. When multiple tests are ordered, submit separate sample for this test.

Volume
4 mL urine

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
2 hours room temperature; 4 days refrigerated; 3 months frozen

Methodology:
Enzyme immunoassay (eia)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<td>CPT CODE(S): 910805</td>
<td>INSTRUMENT/LOC: CPL</td>
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<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 910805</td>
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<td>LABCORP: 510362</td>
<td>ZCPL: 5623</td>
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<tr>
<td>NOTES: Specimen Processing:</td>
<td>2 mL sodium heparin whole blood. Room temperature.</td>
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<td>Specimen Referral:</td>
<td>A completed history form must accompany sample.</td>
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<td>Clinical Pathology Laboratories</td>
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NAME: AMIKACIN RANDOM
ABBREVIATION: 910812
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 910812
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL PLAIN RED (1), CPL SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 910812
CPL: 3004
ZCPL: 3004
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
0.3 mL serum

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature; 2 weeks refrigerated; 2 weeks frozen

Specimen Rejection:
Samples collected in serum separator tube
room temperature samples

Methodology:
Emit

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>AMIKACIN PEAK</th>
</tr>
</thead>
<tbody>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED (1), CPL SRM FZN (1)</td>
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<td>TESTS:</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>VALID ICD-10 CODES:</td>
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**NOTES:**

Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze. Critical frozen (CFZ). Collect peak sample 30-45 minutes following iv dose or 1-2 hours following im dose. When multiple tests are ordered, submit separate tube for this test.

Volume
0.3 mL serum

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature; 2 weeks refrigerated; 2 weeks frozen

Specimen Rejection:
Samples collected in serum separator tube
room temperature samples

Methodology:
Emit

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<th>MAG ANTIBODIES IGM</th>
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<td>TUBE/CONTAINER:</td>
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<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
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<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
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<tr>
<td>Volume</td>
<td>0.1 mL serum</td>
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<td>Conditions for specimen transportation:</td>
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<td>Specimen Acceptability:</td>
<td>After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen</td>
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<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis, gross lipemia, contaminated samples, heat-inactivated samples, urine</td>
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<tr>
<td>Methodology:</td>
<td>Enzyme-linked immunosorbent assay (ELISA)</td>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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</table>
NAME: PTH RELATED PROTEIN
ABBREVIATION: 910815
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 910815
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5046 LAV (1), C5046A PL FZN (1)
TESTS: No tests in this specimen
INFORMATION: COLLECT IN CHILLED 5 ML OR 3 ML EDTA LAV TUBE.

MIX THOROUGHLY AND KEEP IN ICE BATH UNTIL CENTRIFUGATION.
TRANSFER EDTA PLASMA INTO ALIQUOT AND FREEZE IMMEDIATELY.
ASTM/HL7/SDF 1: 910815
CPL: 5046
ZCPL: 5046
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
1 mL EDTA plasma. Chill tubes prior to collection.
Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube.
Freeze. Critical frozen (CFZ).
Patient should be fasting prior to collection.
When multiple tests are ordered, submit separate tube for this test.

Volume
0.7 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature; unacceptable refrigerated; 90 days frozen

Specimen Rejection:
Thawed samples

Methodology:
Imunochemiluminometric assay (icma)

Specimen Referral:
Clinical Pathology Laboratories
NAME: CT ESTERASE INH QNT
ABBREVIATION: 910837
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 910837
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4822 PLR (1), C4822A SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 910837
CPL: 4822
ZCPL: 4822
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate tube for
this test.
Volume
0.4 mL frozen serum
Conditions for specimen transportation:
Critical frozen (CFZ)
Specimen Acceptability:
After separation from cells: 2 hours room temperature; unacceptable refrigerated; 2 weeks frozen
Specimen Rejection:
Room temperature samples
refrigerated samples
Methodology:
Nephelometry
Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CODEINE
ABBREVIATION: 910838
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 910838
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5920 PLR (1), C5920A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 910838
CPL: 5920
ZCPL: 5920
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 4 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 2 weeks frozen

Specimen Rejection:
Samples collected in serum separator tube

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
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<th>NAME:</th>
<th>C1Q COMPLEMENT</th>
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<tbody>
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<tr>
<td>VALID ICD-10 CODES:</td>
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**NOTES:**

Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 weeks room temperature; 3 weeks refrigerated; 3 weeks frozen

Specimen Rejection:
Will not reject due to hemolysis
Will reject due to lipemia

Methodology:
Nephelometry

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

**NAME:** C1Q IMMUNE COMPLEX BIND  
**ABBREVIATION:** 910840  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 910840  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL PLAIN RED (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** ALLOW PLAIN RED TUBE TO CLOT 2 HOURS PRIOR TO CENTRIFUGING. FREEZE SERUM.  
**ASTM/HL7/SDF 1:** 910840  
**CPL:** 4570  
**ZCPL:** 4570  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

### NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for 2 hours, then centrifuge sample and transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
0.3 mL frozen serum

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: unacceptable room temperature; unacceptable refrigerated; 2 weeks frozen

Specimen Rejection:
Room temperature samples  
refrigerated samples

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>GABAPENTIN (NEURONTIN)</th>
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<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Plain red top tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 0.5 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.</td>
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<tr>
<td></td>
<td>Volume 0.25 mL serum</td>
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<td>Conditions for specimen transportation: Refrigerated</td>
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<tr>
<td></td>
<td>Specimen Acceptability: 2 days room temperature; 2 weeks refrigerated; 2 weeks frozen</td>
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<td></td>
<td>Specimen Rejection: Samples collected in serum separator tube</td>
</tr>
<tr>
<td></td>
<td>Methodology: High performance liquid chromatography (hplc)</td>
</tr>
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<td></td>
<td>Specimen Referral: Clinical Pathology Laboritories</td>
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<tr>
<td>NAME: GIARDIA ANTIGEN</td>
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<tr>
<td>ABBREVIATION: 910895</td>
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<td>SPECIMEN TYPE: STOOL</td>
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<td>INSTRUMENT/LOC: CPL</td>
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<td>TUBE/CONTAINER: STOOL CUP (1)</td>
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<td>TESTS: No tests in this specimen</td>
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</tr>
<tr>
<td>INFORMATION: 5 ML WATERY OR MARBLE SIZE FORMED STOOL. IF TESTING WILL NOT BE PERFORMED WITHIN 24 HOURS OF COLLECTION, FREEZE.</td>
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<td>CPL: 4673</td>
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<td></td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**

Specimen Collection:
Stool collection container

Specimen Processing:
1 gram fresh stool. Refrigerate

Volume
1 gram stool

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
Unstable room temperature; 2 days refrigerated; 1 week frozen

Specimen Rejection:
Will reject samples submitted in preservative other than 10% formalin
will reject samples that have been concentrated
will reject swabs

Methodology:
Immunoassay/spectrophotometry

Specimen Referral:
Clinical Pathology Laboratories
NAME: PROTEIN'S ACTIVITY/FUNCTION
ABBREVIATION: 910896
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 910896
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4254A CITPL FZN (1), C4254 LTBL (1)
TESTS: No tests in this specimen
INFORMATION: SPECIAL INSTRUCTIONS FOR SAMPLE PREPARATION REQUIRED.
ASTM/HL7/SDF 1: 910896
CPL: 4254
ZCPL: 4254
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium citrate (light blue top) tube

Specimen Processing:
1. Fill a light blue top tube as far as vacuum will allow and mix by gentle inversion five to six times. The exact ratio of 1 part sodium citrate to 9 parts blood must be maintained. Inadequate filling of the sample tube will alter this ratio and may lead to inaccurate results.
2. Patients who have hematocrit values above 55% should have the anticoagulant adjusted to maintain the 1 to 9 ratio. For further instructions on the collection of platelet-poor plasma for patients with hematocrit value of >55%, please contact CPL austin customer service.
3. To obtain platelet-poor plasma, immediately centrifuge sample at 1500 rcf's for 15 minutes, then pipette the supernatant plasma and transfer to a plastic transport tube.
4. Re-centrifuge plasma in the plastic transport tube at 1500 rcf's for 15 minutes to ensure that no red cells are present.
5. Pipette the top two-thirds of the supernatant plasma and transfer to another plastic transport tube.
6. Immediately freeze the plasma at -20 degrees c or lower for transport. Critical frozen (CFZ).
7. When multiple tests are ordered, submit separate tube for this test.
Patient prep: patients should discontinue oral anticoagulant therapy for at least 2 weeks prior to testing, upon the advice of their physician.

Volume
1 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature; 1 month frozen

Specimen Rejection:
Hemolysis
lipemia
room temperature samples
refrigerated samples

Methodology:
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>PROTEIN S ANTIGEN FREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>910897</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>CITR PL</td>
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<td>INSTRUMENT/LOC</td>
<td>CPL</td>
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<td>TUBE/CONTAINER</td>
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<tr>
<td>NOTES:</td>
<td>2/26/2014 7:33 AM Updated tube/ aliquot. SMS *** CORRECTED CPL CODE 4/5/05 JLS</td>
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</table>
Name: PROTEIN S TOTAL ANTIGEN
Abbreviation: 910898
Specimen Type: CITR PL
Storage Temp: CR FZN
CPT Code(s): 910898
Instrument/LOC: CPL
Tube/Container: CPL ALQ (1), CPL LT BLUE (1)
Tests: No tests in this specimen
Information: See CPL website for special processing instructions.
ASTM/HL7/SDF 1: 910898
CPL: 1456
ZCPL: 1456
Valid ICD-9 Codes: No
Valid ICD-10 Codes: No
Notes:
Specimen Collection:
Sodium citrate (light blue top) tube

Specimen Processing:
1. Fill a light blue top tube as far at vacuum will allow and mix by gentle inversion five to six times. The exact ratio of 1 part sodium citrate to 9 parts blood must be maintained. Inadequate filling of the sample will alter this ratio and may lead to inaccurate results.
2. Patients who have hematocrit values above 55% should have the anticoagulant adjusted to maintain the 1 to 9 ratio. For further instructions on the collection of platelet-poor plasma for patients with a hematocrit value of >55%, please contact CPL austin customer service.
3. To obtain platelet-poor plasma, immediately centrifuge sample at 1500 rcf s for 15 minutes, then pipette the supernatant plasma and transfer to a plastic transport tube.
4. Re-centrifuge plasma in the plastic transport tube at 1500 rcf s for 15 minutes to ensure that no red cells are present.
5. Pipette the top two-thirds of the supernatant plasma and transfer to another plastic transport tube.
6. Immediately freeze the plasma at -20 degrees or lower for transport. Critical frozen (CFZ).
7. When multiple tests are ordered, submit separate tube for this test.
Patient prep: patients should discontinue oral anticoagulant therapy for at least 2 weeks prior to testing, upon the advice of their physician.

Volume
1 mL frozen plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
8 hours room temperature; 1 month frozen at -20 degrees c

Methodology:
Immunoturbidometric

Specimen Rejection:
Hemolysis
Lipemia
NAME: ALPHA SUBUNIT PITUITARY
ABBREVIATION: 910900
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 910900
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4198 PLRED (1), C4198A SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 910900
CPL: 4198
ZCPL: 4198
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.2 mL

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 2 days room temperature; 1 week refrigerated; 6 months frozen

Specimen Rejection:
Hemolysis
lipemia

Methodology:
Chemiluminescent immunoassay (clia)

Specimen Referral:
Clinical Pathology Laboratories
NAME: HOMOCYSTEINE URINE
ABBREVIATION: 910904
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 910904
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24U (1), CPL 24U ALQ (1)
TESTS: No tests in this specimen
INFORMATION: PATIENT SHOULD AVOID INGESTION OF VITAMIN C FOR TWO DAYS PRIOR TO COLLECTION. SPECIMEN MUST BE REFRIGERATED DURING COLLECTION.
ASTM/HL7/SDF 1: 910904
CPL: 5051
ZCPL: 5051
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total volume. Transfer 5 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. Critical frozen (CFZ).
Patient should avoid ingestion of vitamin c for two days prior to collection. When multiple tests are ordered, submit separate sample for this test.
Note: to diagnose or monitor patients with homocystinuria, the preferred tests are amino acid, plasma, quantitative (order code 4817) and homocysteine, serum (order code 4288).

Volume
3 mL urine

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature; 1 day refrigerated; 1 month frozen

Specimen Rejection:
Preserved samples with ph <5 or >8
thawed samples
samples preserved with acid

Methodology:
Spectrophotometry

Specimen Referral:
Clinical Pathology Laboritories
### NAME: TEGRETOL FREE

**ABBREVIATION:** 910940  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 910940  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5805 PLR (1), C5805A SRM (1)  
**TESTS:** Tegretol Total (Carb)  
**ASTM/HL7/SDF 1:** 910940  
**CPL:** 5805  
**ZCPL:** 5805  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

**NOTES:**  
**Specimen Collection:** Plain red top tube  
**Specimen Processing:**  
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.  
**Volume**  
0.5 mL serum  
**Conditions for specimen transportation:** Refrigerated  
**Specimen Acceptability:**  
1 day room temperature; 2 weeks refrigeratged; 2 weeks frozen  
**Specimen Rejection:** 
Samples collected in serum separator tube  
**Methodology:**  
High performance liquid chromatography (hplc)  
**Specimen Referral:** Clinical Pathology Laboratory

---

### NAME: EPIDERMAL AB

**ABBREVIATION:** 910941  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 910941  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 910941  
**CPL:** 600 EPIDERMAL AB  
**ZCA:** *  
**ZIG:** *  
**UROL:** *  
**QUEST:** *  
**ZCPL:** 600 EPIDERMAL AB  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
NAME: FRAGILE X DNA W/RFLX TO SOUTH
ABBREVIATION: 910943
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: CR REFRIG
CPT CODE(S): 910943
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV1 (1), CPL LAV2 (1)
TESTS: No tests in this specimen
INFORMATION: COMPLETED HISTORY FORM REQUIRED.
ASTM/HL7/SDF 1: 910943
CPL: 5225
LABCORP: 510065
ZCPL: 5225
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Critical refrigerate (CRF).

Volume
5 mL whole blood

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
1 week refrigerated

Specimen Collection:
Frozen samples

Methodology:
Polymerase chain reaction (PCR)/size analysis by

Specimen Referral:
Clinical Pathology Laboratories
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<td>TUBE/CONTAINER: ALQ1 (1), ALQ2 (1), ALQ3 (1), ALQ4 (1), ALQ5 (1), ALQ6 (1), ALQ7 (1), HEP PLASMA (1), SST1 (1), SST2 (1), SST3 (1), SST4 (1), SST5 (1), SST6 (1), SST7 (1), SST8 (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<tr>
<td>INFORMATION: CONFIRM DRAW TIMES W/NURSE. SST FOR SECRETIN TEST X8. FREEZE SERUM. INDICATE DRAW TIMES IN CLINICAL INFORMATION BEFORE SENDING TO CPL.</td>
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<tr>
<td>NOTE: PATIENT MUST BE FASTING 12HRS BEFORE INTRAVENOUS INJECTION.</td>
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<td>ASTM/HL7/SDF 1: 910945</td>
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<td>CPL: Wild 600</td>
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**Order Choice Information**

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<td>NOTES:</td>
<td>Specimen Collection: Plain red top tube</td>
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<tr>
<td></td>
<td>Specimen Processing: 2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test. Note: ideal sampling time for this test is immediately before the next oral dose (trough). If this is not possible, patients should not be advised to delay their scheduled dose for longer than 2-3 hours. Sample collection time, time that the medication was last ingested, and dose information should be noted on the requisition.</td>
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<tr>
<td></td>
<td>Volume 1.5 mL serum</td>
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<td>Conditions for specimen transportation: Critical frozen (CFZ)</td>
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<td></td>
<td>Specimen Acceptability: After separation from cells: unacceptable room temperature; unacceptable refrigerated; 1 month frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Samples collected in serum separator tube whole blood room temperature samples refrigerated samples</td>
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<td></td>
<td>Methodology: Liquid chromatography-tandem mass spectrometry (LC-MS/MS)</td>
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<td>Specimen Referral: Clinical Pathology Laboritories</td>
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</table>
**NAME:** DRUG SCREEN, SERUM  
**ABBREVIATION:** 910960  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 910960  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5990 PLR (1), C5990A SRM (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 910960  
**CPL:** 5989  
**LABCORP:** 790352  
**ZCPL:** 5989  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Plain red top tube  
Specimen Processing:  
3 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.  
**Volume**  
3 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
2 days room temperature; 2 weeks refrigerated;  
Specimen Rejection:  
Gross hemolysis  
**Methodology:**  
Immunoassay  
**Specimen Referral:**  
Clinical Pathology Laboratories
Order Choice Information

NAME: HEXOSAMINIDASE A TOTAL
ABBREVIATION: 910965
SPECIMEN TYPE: WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 910965
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ACD-A YEL (1)
TESTS: No tests in this specimen
INFORMATION: COMPLETED HISTORY FORM REQUIRED.
ASTM/HL7/SDF 1: 910965
CPL: 4999
ZCPL: 4999
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
ACD (yellow top - solution a) tube

Specimen Processing:
10 mL ACD (yellow top - solution a) whole blood. Sample must be submitted in original collection tube. Room temperature. A completed history form must accompany sample.

Volume
10 mL whole blood

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
3 days room temperature; unacceptable refrigerated; unacceptable frozen

Specimen Rejection:
Hemolysis
lipemia
ACD (yellow top) solution b whole blood
frozen samples

Methodology:
Enzyme assay

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

**NAME:** HYPOGLYCEMIC PANEL  
**ABBREVIATION:** 910967  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 910967  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5291 PLR (1), C5291A SRM (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** DRAW PLAIN RED ONLY!  
**ASTM/HL7/SDF 1:** 910967  
**CPL:** 5291  
**ZCPL:** 5291  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Plain red top tube  

Specimen Processing:  
1 ML SERUM FROM A PLAIN RED TOP TUBE. ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE WITHIN 2HOURS OF COLLECTION. REFRIGERATE.  

**Volume**  
1 mL serum  

**Conditions for specimen transportation:**  
Refrigerated  

**Specimen Acceotability:**  
7 days room temperature; 30 days refrigerated; 30 days frozen  

**Specimen Rejection:**  
Samples collected in serum separator tube  

**Methodology:**  
High performance liquid chromatography/tandem mass spectrometry (LC-MS/MS)  

**Specimen Referral:**  
Clinical Pathology Laboritories


Order Choice Information

NAME: ADRENAL ANTIBODIES
ABBREVIATION: 910969
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 910969
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4450 SST (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 910969
CPL: 4450
ZCPL: 4450
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.6 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days room temperature; 1 week refrigerated; 2 months frozen

Specimen Rejection:
Gross hemolysis

Methodology:
Indirect fluorescent antibody (IFA)

Specimen Referral:
Clinical Pathology Laboratories

NAME: Sulfonylurea Urine Screen
ABBREVIATION: 910970
SPECIMEN TYPE: Urine (Random)
STORAGE TEMP: RM TEMP
CPT CODE(S): 910970
INSTRUMENT/LOC: LABCORP
TUBE/CONTAINER: RU CUP (1)
TESTS: No tests in this specimen
INFORMATION: Maintain specimen at room temperature. Stable for three days. Do not use preservative.

ASTM/HL7/SDF 1: 910970
CPL: 600 WILD
LABCORP: 811089
ZCPL: 600 WILD
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
**NAME:** PROINSULIN  
**ABBREVIATION:** 910971  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 910971  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5077A SRM FZN (1), CPL PLAIN RED (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PLRED, SHOULD BE FASTING 12-15 HOURS. FREEZE SERUM.  
**ASTM/HL7/SDF 1:** 910971  
**CPL:** 5077  
**ZCPL:** 5077  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient Preparation:  
Fasting 12-15 hours  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Patient should be fasting for 12-15 hours prior to collection. When multiple tests are ordered, submit separate tube for this test.  
**Volume**  
0.2 mL serum  
**Conditions for specimen transportation:**  
Frozen  
**Specimen Acceptability:**  
After separation from cells: unacceptable room temperature; 2 days refrigerated; 2 months frozen  
**Methodology:**  
Chemiluminescent immunoassay (clia)  
**Specimen Rejection:**  
Room temperature samples  
avoid repeated freeze/thaw cycles  
**Specimen referral:**  
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>Name: 18-HYDROCORTICOSTERONE</th>
<th>Name: HEPARIN-INDUCED THROMBOCYTOPENIA PF4 AB, IgG</th>
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<tbody>
<tr>
<td>Abbreviation: 910980</td>
<td>Abbreviation: 910982</td>
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<tr>
<td>Specimen Type: Serum</td>
<td>Specimen Type: Serum</td>
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<tr>
<td>Storage Temp: CR FZN</td>
<td>Storage Temp: CR FZN</td>
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<tr>
<td>CPT Code(s): 910980</td>
<td>CPT Code(s): 910982</td>
</tr>
<tr>
<td>Instrument/LOC: CPL</td>
<td>Instrument/LOC: CPL</td>
</tr>
<tr>
<td>Tube/Container: C600 PLR (1), C600A WILD FZN (1)</td>
<td>Tube/Container: C4903 PLR (1), C4903A SRM FZN (1)</td>
</tr>
<tr>
<td>Tests: No tests in this specimen</td>
<td>Tests: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 910980</td>
<td>ASTM/HL7/SDF 1: 910982</td>
</tr>
<tr>
<td>CPL: WILD</td>
<td>CPL: 4903</td>
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<td>ZCPL: WILD</td>
<td>ZCPL: 4903</td>
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<tr>
<td>Valid ICD-9 Codes: No</td>
<td>Valid ICD-9 Codes: No</td>
</tr>
<tr>
<td>Valid ICD-10 Codes: No</td>
<td>Valid ICD-10 Codes: No</td>
</tr>
</tbody>
</table>

**Notes:**
- Specimen Collection: Plain red top tube
- Specimen Processing:
  1 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE. CRITICAL FROZEN (CFZ). WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.

**Volume**
1 mL serum

**Conditions for specimen transportation:**
Critical frozen (CFZ)

**Specimen Acceptability:**
After separation from cells:

**Methodology:**
Enzyme-linked immunosorbent assay (ELISA)

**Specimen Reaction:**
Hemolysis

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: BIOTINIDASE
ABBREVIATION: 910987
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 910987
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4323 PLR (1), C4323A SRM FZN (1), CONTROL ALQ (1), CONTROL TUBE (1)
TESTS: No tests in this specimen
INFORMATION: Draw normal control from unrelated person within 30 minutes of patient blood draw. Label control as "Control for (patient name)". See Order Choice Notes.
ASTM/HL7/SDF 1: 910987
CPL: 4323
ZCPL: 4323
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Also collect an additional control sample from a normal, healthy, unrelated donor. Clearly label this sample as "control for (patient name)" and include the gender of the control on the label. The control sample must be collected within 30 minutes of the patient sample. Allow control SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Rubber band patient and control samples together for shipment to the laboratory. Both patient and control samples are critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL serum

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
1 hour room temperature; 1 hour refrigerated; 1 month frozen

Specimen Rejection:
Room temperature samples
refrigerated samples
avoid repeated freeze/thaw cycles
samples sent with no control sample

Methodology:
Spectrophotometry

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: AC CAT SCRATCH FEVER IGG
ABBREVIATION: 910991
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 910991
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 910991
CPL: 4525
ZCPL: 4525
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
contaminated samples

Methodology:
Indirect fluorescent antibody (IFA)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: MAGNESIUM 24HR URINE</th>
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<tbody>
<tr>
<td>ABBREVIATION: 910995</td>
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<tr>
<td>SPECIMEN TYPE: Urine</td>
</tr>
<tr>
<td>STORAGE TEMP: CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S): 910995</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL 24U ALQ (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: Measure and Record Total Volume, freeze 24U ALQ.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 910995</td>
</tr>
<tr>
<td>CPL: 2131</td>
</tr>
<tr>
<td>ZCPL: 2131</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>
| NOTES: Specimen Collection:
| Urine collection container |

Specimen Processing:

24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze.

When multiple tests are ordered, submit separate tube for this test.

**Volume**

1 mL urine

Conditions for specimen transportation:

Frozen

Specimen Acceptability:

Unacceptable room temperature; 1 week refrigerated; 1 year frozen

Specimen Rejection:

Samples submitted in preservatives other than hydrochloric acid
samples in metal containers

Methodology:

Spectrophotometric

Specimen Rejection:

Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME: MAGNESIUM RANDOM URINE</th>
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<tbody>
<tr>
<td>ABBREVIATION: 910996</td>
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<tr>
<td>SPECIMEN TYPE: Urine</td>
</tr>
<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 83735</td>
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<tr>
<td>INSTRUMENT/LOC: QUEST</td>
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<tr>
<td>TUBE/CONTAINER: RU CUP (1), URINE ALQ 50ML (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: Adjust pH to &lt;3.0 with 6N HCl prior to aliquoting for testing.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 910996</td>
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<tr>
<td>QUEST: 6179</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Urine collection container</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>Submit 10 mL of a well-mixed random collection. Adjust pH to &lt;3.0 with 6N HCl prior to aliquoting for testing.</td>
</tr>
<tr>
<td>Volume: 0.5 mL urine</td>
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<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Room Temperature</td>
</tr>
<tr>
<td>Sterile screw-cap container</td>
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<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>Set up: Tues-Fri; Report available: 6 days</td>
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<tr>
<td>Room temperature: 4 days</td>
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<tr>
<td>Refrigerated: 7 days</td>
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<tr>
<td>Frozen: 90 days</td>
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<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Samples submitted in preservatives other than hydrochloric acid</td>
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<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Atomic Absorption Spectrophotometry (AAS)</td>
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<td>Specimen Referral:</td>
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<tr>
<td>Quest Diagnostics Nichols Institute-San Juan Capistrano, CA</td>
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</table>
## Order Choice Information

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<th>URINE BARBITURATE QUANT</th>
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<tr>
<td>Abbreviation:</td>
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<td>Specimen Type:</td>
<td>Urine</td>
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<td>Storage Temp:</td>
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<td>CPT Code(s):</td>
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<td>Instrument/LOC:</td>
<td>CPL</td>
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<td>Tube/Container:</td>
<td>CPL RU CUP (1)</td>
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<tr>
<td>Tests:</td>
<td>No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>CPL:</td>
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<tr>
<td>Valid ICD-10 Codes:</td>
<td>No</td>
</tr>
</tbody>
</table>

### Notes:

- Specimen Collection:
  - Urine collection container

- Specimen Processing:
  - 50 mL random urine. Room temperature.

- Volume:
  - 30 mL urine

- Conditions for specimen transportation:
  - Room temperature

- Specimen Acceptability:
  - 3 days room temperature; 1 week refrigerated; 1 year frozen

- Methodology:
  - Gas chromatography/mass spectrophotometry (gcms)

- Specimen Referral:
  - Clinical Pathology Laboratories
Order Choice Information

NAME: PSA FREE & TOTAL
ABBREVIATION: 911000
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 911000
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: SST GOLD (1)
TESTS: PSA Total, Free PSA, PSA FREE %
ASTM/HL7/SDF 1: 911000
CPL: 4915
ZCPL: 4915
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: SST Serum only
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 3 hours
Refrigerated (2 to 8°C) 24 hours
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 3 hours of collection.
Refrigerated (2 to 8°C) if shipping after 3 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 2 cycles
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
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<thead>
<tr>
<th>NAME:</th>
<th>GTT 5HR W/INSULIN</th>
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</thead>
<tbody>
<tr>
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<td>911023</td>
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<td>RM TEMP</td>
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<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>BCI DXC 880i (n)</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
<td>Glucose Baseline, Glucose 30 Min, Glucose 1Hr, Glucose 2Hr, Glucose 3Hr, Glucose 4Hr, Glucose 5Hr, Insulin Baseline, Insulin 30Min , Insulin 1Hr , Insulin 2Hr, Insulin 3Hr , Insulin 4Hr , Insulin 5Hr</td>
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<tr>
<td>INFORMATION:</td>
<td>To be drawn Tuesday and Friday. Give Patient 75 gram Glucose Load.</td>
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<td>911023</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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<tr>
<td>NOTES:</td>
<td>Patient Preparation: Done on Tuesday and Friday only. Patient should fast for 12 hours preceding collection of specimen. Specimen Collection: SST Serum only Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample. Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days. Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection. Specimen Acceptability: SST Serum Freeze Thaw Cycle: 1 cycle Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling Methodology: Glucose Oxidase/Chemiluminescence Immunoassay Specimen Referral: None</td>
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</table>
Order Choice Information

NAME: CA 27.29
ABBREVIATION: 911025
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911025
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4825 PLR (1), C4825A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911025
CPL: 4825
ZCPL: 4825
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated

Methodology:
Chemiluminescence immunoassay Siemens Centaur automated method or other automated chemistry method

Specimen Rejection:
Plasma samples

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: ANTICARDIOLIPIN IgA
ABBREVIATION: 911060
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911060
INSTRUMENT/LOC: BIOPLEX
TUBE/CONTAINER: SST GOLD (1)
TESTS: Anticardiolipin IgA, Anticardiolipin IgA
ASTM/HL7/SDF 1: 911060
CPL: 4793
ZCPL: 4793
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None

Test includes: Anticardiolipin IgA

Specimen collection: Gold top (SST)

Specimen storage and preservation: After testing, 1 week refrigerated

Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated

Specimen processing: Centrifuge @ 3000 rpm for 10 minutes.

Specimen acceptability: Serum; Stable for 7 days refrigerated (2-8C), long term storage -20C

Specimen rejection: Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.

Freeze/Thaw: Up to 3 freeze/thaw cycles are acceptable

Methodology: ELISA

Specimen referral: None
<table>
<thead>
<tr>
<th>NAME:</th>
<th>ANTICARDIOLIPIN IgG</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<tr>
<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
<td>Anticardiolipin IgG, Anticardiolipin IgG</td>
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<td>ZCPL:</td>
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<td>NOTES:</td>
<td>Patient preparation: None</td>
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<td></td>
<td>Test includes: Anticardiolipin IgG</td>
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<td></td>
<td>Specimen collection: Gold top (SST)</td>
</tr>
<tr>
<td></td>
<td>Specimen storage and preservation: After testing, 1 week refrigerated</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated</td>
</tr>
<tr>
<td></td>
<td>Specimen processing: Centrifuge @ 3000 rpm for 10 minutes.</td>
</tr>
<tr>
<td></td>
<td>Specimen acceptability: Serum; stable for 7 days refrigerated (2-8C), long term storage -20C.</td>
</tr>
<tr>
<td></td>
<td>Specimen rejection: Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.</td>
</tr>
<tr>
<td></td>
<td>Freeze/Thaw: Up to 3 freeze/thaw cycles acceptable.</td>
</tr>
<tr>
<td></td>
<td>Methodology: ELISA</td>
</tr>
<tr>
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<td>Specimen referral: None</td>
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</tbody>
</table>
### Order Choice Information

- **NAME:** ANTICARDIOLIPIN IgM  
  **ABBREVIATION:** 911062  
  **SPECIMEN TYPE:** Serum  
  **STORAGE TEMP:** REFRIG  
  **CPT CODE(S):** 911062  
  **INSTRUMENT/LOC:** BIOPLEX  
  **TUBE/CONTAINER:** SST GOLD (1)  
  **TESTS:** Anticardiolipin IgM, Anticardiolipin IgM  
  **ASTM/HL7/SDF 1:** 911062  
  **CPL:** 4792  
  **ZCPL:** 4792  
  **VALID ICD-9 CODES:** No  
  **VALID ICD-10 CODES:** No  
  **NOTES:**  
  Patient preparation: None  
  Test includes: Anticardiolipin IgM  
  Specimen collection: Gold top (SST)  
  Specimen storage and preservation: After testing, 1 week refrigerated  
  Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated  
  Specimen processing: Centrifuge @ 3000 rpm for 10 minutes.  
  Specimen acceptability: Serum; stable for 7 days refrigerated (2-8C), long term storage -20C.  
  Specimen rejection: Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.  
  Freeze/Thaw: Up to 3 freeze/thaw cycles  
  Methodology: ELISA  
  Specimen referral: None

- **NAME:** FACTOR XI INHIBITOR  
  **ABBREVIATION:** 911068  
  **SPECIMEN TYPE:** CITR PL  
  **STORAGE TEMP:** CR FZN  
  **CPT CODE(S):** 911068  
  **INSTRUMENT/LOC:** CPL  
  **TUBE/CONTAINER:** CPL ALQ1 (1), CPL ALQ2 (1), CPL ALQ3 (1), CPL LT BLUE1 (1), CPL LT BLUE2 (1), CPL LT BLUE3 (1)  
  **TESTS:** No tests in this specimen  
  **ASTM/HL7/SDF 1:** 911068  
  **CPL:** WILD  
  **ZCPL:** WILD  
  **VALID ICD-9 CODES:** No  
  **VALID ICD-10 CODES:** No
## Order Choice Information

<table>
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<tr>
<th>NAME:</th>
<th>FACTOR XIII</th>
</tr>
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</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>CITR PL</td>
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<td>STORAGE TEMP:</td>
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<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL LT BLUE (1), CPL PLASMA ALQ (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
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<td>LABCORP:</td>
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<tr>
<td>ZOXF:</td>
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<td>ND:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Citrate (light blue top) tube</td>
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</tbody>
</table>

### Specimen Processing:

6 mL platelet-poor citrate plasma. Fill a light blue top tube as far as vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place 3 mL plasma into each of 2 properly labeled transport tubes. Clearly mark the samples as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate sample for this test.

### Volume

6 mL

### Conditions for specimen transportation:

Critical frozen (CFZ)

### Specimen Acceptability:

After separation from cells: 4 hours room

### Specimen Rejection:

Thawed samples

### Methodology:

Solubility

### Specimen Referral:

Clinical Pathology Laboratories
NAME: FIBRINOGEN ANTIGEN
ABBREVIATION: 911070
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 911070
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LT BLUE (1), CPL PL FZN (1)
TESTS: No tests in this specimen
INFORMATION: PLEASE PROCESS SPECIMEN USING PLATELET-POOR PROCEDURE!
ASTM/HL7/SDF 1: 911070
CPL: 5981
LABCORP: 117052
ZCPL: 5981
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Citrate (light blue top) tube

Specimen Processing:
2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate tube for this test.

Volume
1 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: 8 hours room temperature; unacceptable refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
room temperature samples
refrigerated samples
serum
EDTA plasma

Methodology:
Radial immunodiffusion

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** Heparin Cofactor II  
**ABBREVIATION:** 911072  
**SPECIMEN TYPE:** CITR PL  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 911072  
**INSTRUMENT/LOC:** LABCORP  
**TUBE/CONTAINER:** FZN PLASMA (1), LT BLUE (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 911072  
**CPL:** WILD 600  
**LABCORP:** 500187  
**ZCPL:** WILD 600  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

**NAME:** TISSUE PLASMINOGEN ACTIVITY  
**ABBREVIATION:** 911084  
**SPECIMEN TYPE:** PLASMA (SPEC)  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 911084  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL PLASTIC VIAL (1), STABILYTE (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PATIENT SHOULD BE IN RESTING STATE. APPLY TORNIQUET LOOSELY. RELEASE WHEN BLOOD FLOWS. DRAW DISCARD TUBE. FREEZE (PLT POOR) PLASMA AT -70C  
**ASTM/HL7/SDF 1:** 911084  
**CPL:** WILD 600  
**ZCPL:** WILD 600  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
### Order Choice Information

**NAME:** TISSUE PLASMINOGEN ACT.INHIB.  
**ABBREVIATION:** 911085  
**SPECIMEN TYPE:** CITR PL  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 911085  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5595 LTBL (1), C5595A PL FZN1 (1), C5595A PL FZN2 (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** LTBLUE, SPLIT PLASMA INTO 2 ALQ, FREEZE.  
**NOTE:** DRAW BETWEEN 8AM - 1200  
**ASTM/HL7/SDF 1:** 911085  
**CPL:** 5595  
**ZCPL:** 5595  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
*Specimen Collection:*  
Citrate (light blue top) tube  

*Specimen Processing:*  
2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ). Collect sample between 8 AM and 12 PM (noon). When multiple tests are ordered, submit separate tube for this test.  

**Volume**  
0.5 mL plasma  

**Conditions for specimen transportation:**  
Critical frozen (CFZ)  

**Specimen Acceptability:**  
After separation from cells: 1 hour room temperature; unacceptable refrigerated; 1 months frozen  

**Specimen Rejection:**  
Hemolysis  
Room temperature samples  
Refrigerated samples  

**Methodology:**  
Bioimmunoassay  

**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** ANTI-SCL 70  
**ABBREVIATION:** 911125  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 911125  
**INSTRUMENT/LOC:** BIOPLEX  
**TUBE/CONTAINER:** SST TIGER (1)  
**TESTS:** ANTI-SCL 70 (EIA), ANTI-SCL 70  
**ASTM/HL7/SDF 1:** 911125  
**CPL:** 4606  
**ZCPL:** 4606  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
- Patient preparation: None  
- Test includes: Anti-SCL 70  
- Specimen collection: Gold top (SST)  
- Specimen storage and preservation: After testing, 1 week refrigerated  
- Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated  
- Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.  
- Specimen acceptability: Store sera at 2-8°C. Freeze sera at -20°C if not tested within 24 hours.  
- Specimen rejection: Samples received beyond specimen acceptability period  
- Freeze/Thaw: 1 cycle  
- Methodology: Multiplex Flow Immunoassay  
- Specimen referral: None
Order Choice Information

NAME: N-TELOPEPTIDE (NTX) 24 HR UR
ABBREVIATION: 911130
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 911130
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4829 24U FZN (1)
TESTS: No tests in this specimen
INFORMATION: Measure and Record TV, FREEZE 50 mls 24hr urine.
ASTM/HL7/SDF 1: 911130
CPL: 4829
ZCPL: 4829
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
1 ML URINE FROM A WELL-Mixed, SECOND MORNING VOID. REFRIGERATE.

Volume
0.5 mL urine

Conditions for specimen transportation:
Refrigerate

Specimen Acceptability:
1 day room temperature; 1 week refrigerated; 2 years frozen

Specimen Rejection:
Bloody samples

Methodology:
ENZYME-LINKED IMMUNOSORBENT ASSAY (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
| **NAME:** CULTURE SPINAL CSF |
| **ABBREVIATION:** 911131 |
| **SPECIMEN TYPE:** Spinal Fluid |
| **STORAGE TEMP:** RM TEMP |
| **CPT CODE(S):** 911131 |
| **INSTRUMENT/LOC:** CPL |
| **TUBE/CONTAINER:** CPL PLAIN RED (1) |
| **TESTS:** No tests in this specimen |
| **ASTM/HL7/SDF 1:** 911131 |
| **CPL:** 6037 |
| **ZCPL:** 6037 |
| **VALID ICD-9 CODES:** No |
| **VALID ICD-10 CODES:** No |
| **NOTES:** Specimen Collection |
| **CSF collection container** |
| **Specimen Processing:** |
| 2 mL cerebrospinal fluid. Second vial collected is usually recommended for culture. Room temperature. |
| **Volume** |
| 1 mL CSF |
| **Conditions for specimen transportation:** |
| Room temperature |
| **Specimen Acceptability:** |
| 1 day room temperature |
| **Methodology:** Standard culture procedure |
| **Specimen Referral:** Clinical Pathology Laboratories |
NAME: RETICULIN IGA
ABBREVIATION: 911143
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911143
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911143
CPL: 4599
ZCPL: 4599
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Hemolysis

Methodology:
Indirect fluorescent antibody (IFA)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: PANCREATIC POLYPEPTIDE
ABBREVIATION: 911148
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 911148
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4470 LAV (1), C4470A PL FZN (1)
TESTS: No tests in this specimen
INFORMATION: PATIENT SHOULD BE FASTING. SPIN LAV ASAP, FREEZ PLASMA.
ASTM/HL7/SDF 1: 911148
CPL: 4470
ZCPL: 4470
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Patient should be fasting for 10 hours prior to collection. When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 1 day room temperature; 1 day refrigerated; 2 months frozen

Specimen Rejection:
Hemolysis
lipemia
plasma

Methodology:
Radioimmunoassay (ria)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: HEPATITIS Bs AB QNT
ABBREVIATION: 911151
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911151
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911151
CPL: 2738
ZCPL: 2738
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days room temperature; 7 days refrigerated; >7 days frozen

Methodology:
Chemiluminescent microparticle immunoassay (CMIA) or other automated method

Specimen Rejection:
Gross hemolysis
pooled samples
heat-inactivated samples
samples with obvious microbial contamination

Specimen Referral:
Clinical Pathology Laboratories

Printed on: January 29, 2016 3:28 PM
**Order Choice Information**

- **NAME:** POTASSIUM RANDOM URINE
- **ABBREVIATION:** 911154
- **SPECIMEN TYPE:** Urine
- **STORAGE TEMP:** RM TEMP URINE
- **CPT CODE(S):** 911154
- **INSTRUMENT/LOC:** DXC
- **TUBE/CONTAINER:** RU CUP (1)
- **TESTS:** Potassium Ur Conc.
- **ASTM/HL7/SDF 1:** 911154
- **CPL:** 2142
- **ZCPL:** 2142
- **VALID ICD-9 CODES:** No
- **VALID ICD-10 CODES:** No
- **NOTES:**
  - Patient preparation: None
  - Specimen collection: Random Urine Cup
  - Specimen processing: None
  - Specimen storage and preservation:
    - Room Temperature (15 to 30°C) 2 hours
    - Refrigerated (2 to 8°C) 3 days
  - Conditions for specimen transportation:
    - Room Temperature (15 to 30°C) 2 hours
    - Refrigerated (2 to 8°C) if shipping after 2 hours of collection.
  - Specimen acceptability: Urine only
  - Freeze/Thaw: N/A
  - Specimen rejection: Improper Collection or Labeling
  - Methodology: Indirect ISE/Valinomycin membrane
  - Specimen Referral: None

Printed on: January 29, 2016 3:28 PM
## Order Choice Information

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<td>NOTES:</td>
<td>Patient preparation: None</td>
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</tbody>
</table>

**Specimen collection:** Random Urine Cup  
**Specimen processing:** None  
**Specimen storage and preservation:**  
- Room Temperature (15 to 30°C) 2 hours  
- Refrigerated (2 to 8°C) 3 days  
**Conditions for specimen transportation:**  
- Room Temperature (15 to 30°C) 2 hours  
- Refrigerated (2 to 8°C) if shipping after 2 hours of collection.  
**Specimen acceptability:** Urine only  
**Freeze/Thaw:** N/A  
**Specimen rejection:** Improper Collection or Labeling  
**Methodology:** Indirect ISE/Ag/AgCl Pellet  
**Specimen Referral:** None  

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**Additional Information:**  
- Date printed: January 29, 2016 3:28 PM  
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### Order Choice Information

**NAME:** AC CYSTICERCOSIS IGG  
**ABBREVIATION:** 911158  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 911158  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 911158  
**CPL:** 4667  
**ZCPL:** 4667  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.  

**Volume**  
0.1 mL  

**Conditions for specimen transportation:**  
Refrigerated  

**Specimen Acceptability:**  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  

**Specimen Rejection:**  
Hemolysis  
lipemia  
icterus  
contaminated samples  
heat-inactivated samples  
CSF  
avoid repeated freeze/thaw cycles  

**Methodology:**  
Enzyme-linked immunosorbent assay (ELISA)  

**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Abbreviation</th>
<th>Specimen Type</th>
<th>Storage Temp</th>
<th>CPT Code(S):</th>
<th>Instrument/LOC</th>
<th>Tube/Container</th>
<th>Tests:</th>
<th>ASTM/HL7/SDF 1:</th>
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<th>ZCPL:</th>
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<th>Valid ICD-10 Codes:</th>
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<td>HISTAMINE BLOOD</td>
<td>911175</td>
<td>Blood</td>
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</table>

**Notes:**
- **Specimen Collection:**
  - Sodium or lithium heparin (green top) tube

- **Specimen Processing:**
  - 1 mL sodium or lithium heparin whole blood. Transfer sample to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

- **Volume:**
  - 0.3 mL

- **Conditions for specimen transportation:**
  - Critical frozen (CFZ)

- **Specimen Acceptability:**
  - 2 hours room temperature; 6 hours refrigerated; 6 months frozen

- **Methodology:**
  - Enzyme immunoassay (eia)

- **Specimen Rejection:**
  - Room temperature samples refrigerated samples samples frozen in glass tubes

- **Specimen Referral:**
  - Clinical Pathology Laboratories
### Order Choice Information

**NAME:** HIV 1 RNA BY PCR QUANT  
**ABBREVIATION:** 911211  
**SPECIMEN TYPE:** EDTA PLASMA  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 911211  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ1 (1), CPL LAV1 (1), CPL LAV2 (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 911211  
**CPL:** 4141  
**ZCPL:** 4141  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection: EDTA (lavender top) tube  
Specimen Requirements: 5 ML EDTA PLASMA. CENTRIFUGE SAMPLE AND SEPARATE PLASMA FROM CELL WITHIN 24 HOURS OF COLLECTION. TRANSFER PLASMA TO A POLYPROPYLENE TRANSPORT TUBE. REFRIGERATE. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.  
**Volume**  
3 mL plasma  
**Conditions for specimen transportation:**  
Refrigerated  
**Specimen Acceptability:**  
1 day room temperature; 6 days refrigerated; 6 weeks frozen  
**Methodology:**  
Polymerase chain reaction (PCR) by roche ampliprep/cobas taqman v2.0  
**Specimen Rejection:**  
Serum  
heparin plasma  
**Specimen Referral:**  
Clinical Pathology Laboratories

---

**NAME:** GALOP ANTIBODY  
**ABBREVIATION:** 911217  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 911217  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL PLAIN RED (1), CPL SERUM ALQ (1)  
**TESTS:** SEND OUT  
**INFORMATION:** Send with Athena requisition.  
**ASTM/HL7/SDF 1:** 911217  
**CPL:** Athena 261  
**ZCPL:** Athena 261  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:** Must send to Athena
Order Choice Information

NAME: SQUAMOUS CELL CARCINOMA
ABBREVIATION: 911218
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 911218
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: SST GOLD (1)
TESTS: CEA, OV125
ASTM/HL7/SDF 1: 911218
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: SST Serum only

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
Order Choice Information

NAME: RSV RAPID AB (EIA)
ABBREVIATION: 911219
SPECIMEN TYPE: NASAL
STORAGE TEMP: REFRIG
CPT CODE(S): 911219
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CUP (1)
TESTS: No tests in this specimen
INFORMATION: Collect Nasal Washing or Aspirate in sterile container, REFRIGERATE.
ASTM/HL7/SDF 1: 911219
CPL: 6039
ZCPL: 6039
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sterile collection container

Specimen Processing:
3 mL nasal washings or aspirate. Refrigerate.

Volume
1 mL nasal washings

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days refrigerated

Specimen Rejection:
Will reject room temperature samples
will reject swabs
note: transport media, preservatives or detergents will interfere with test

Methodology:
Enzyme immunoassay (eia)

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

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<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<tr>
<td>CPL: 4587</td>
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</table>

### NOTES:
- Specimen Collection:
  - Serum separator tube

- Specimen Processing:
  - 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

- Volume
  - 0.2 mL serum

- Conditions for specimen transportation:
  - Refrigerated

- Specimen Acceptability:
  - After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

- Specimen Rejection:
  - Hemolysis
  - gross lipemia
  - contaminated samples
  - heat-inactivated samples
  - avoid repeated freeze/thaw cycles

- Methodology:
  - Enzyme-linked immunosorbent assay (ELISA)

- Specimen referral:
  - Clinical Pathology Laboratories
**NAME:** TRYPTASE  
**ABBREVIATION:** 911226  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 911226  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SERUM ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** Always send ABN to CPL if Medicare patient.  
**ASTM/HL7/SDF 1:** 911226  
**CPL:** 5999  
**ZCPL:** 5999  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Sample should be collected between 15 minutes and 3 hours after the event suspected to have caused mast cell activation. When multiple tests are ordered, submit separate tube for this test.  
Note: this test can be performed on post-mortem samples.  
Volume  
0.5 mL serum  
Conditions for specimen transportation:  
Frozen  
Specimen Acceptability:  
After separation from cells: 2 days room temperature; 3 days refrigerated; 1 month frozen  
Specimen Rejection:  
Serum not separated from cells  
Methodology:  
Fluorescent enzyme immunoassay (feia)  
Specimen Referral:  
Clinical Pathology Laboratories
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<td>STORAGE TEMP:</td>
<td>CR REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>911235</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED 1 (1), CPL SERUM ALQ (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>Collect sample pre-dose (trough) at steady state concentrations.</td>
</tr>
</tbody>
</table>

ASTM/HL7/SDF 1: 911235  
CPL: 5889  
ZCPL: 5889  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection: Plain red top tube  
Specimen Processing:  
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate. Collect sample pre-dose (trough) at steady state concentration.  
Volume  
0.5 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
After separation from cells: 5 days room temperature; 2 weeks refrigerated; 6 months frozen  
Specimen Rejection:  
Samples collected in serum separator tube  
citrate plasma samples  
ACD plasma samples  
whole blood samples  
Methodology:  
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)  
Specimen Referral:  
Clinical Pathology Laboratories
NAME: FIBRONECTIN AGGREGATES
ABBREVIATION: 911243
SPECIMEN TYPE: VAGINAL
STORAGE TEMP: REFRIG
CPT CODE(S): 911243
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ADEZA KIT (1)
TESTS: No tests in this specimen
INFORMATION: SPECIMEN USING ADEZA KIT, CRITICAL REFRIGERATE, TRANSPORT ON ICE.
ASTM/HL7/SDF 1: 911243
CPL: 5570
ZCPL: 5570
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Hologic fetal fibronectin collection kit

Specimen Processing:
1. The specimen should be collected from the posterior fornix of the vagina during a speculum examination.
2. Remove the polyester tipped swab from the specimen collection kit.
3. Insert the swab into the vagina and lightly rotate across the posterior fornix for approximately 10 (ten) seconds to absorb the cervicovaginal secretions.
4. Once specimen is obtained, remove the swab from the vagina and place it into the tube of buffer provided with the specimen collection kit.
5. Use only one specimen collection device per patient.
6. Label the specimen transport tube with patient name and secondary id.
Note: specimen must be collected before performance of any activities or procedures which might manipulate the cervix (such as digital cervical examination, vaginal ultrasound, pap test or culture collection).
Transport specimen to the laboratory on ice.

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days refrigerated; 3 months frozen

Specimen Rejection:
Contaminated samples
bloody samples
clotted samples
samples collected in any kit other than hologic fetal fibronectin collection kit

Methodology:
Tliiq rapid analyzer

Specimen Referral:
Clinical Pathology Laboratories
### NAME: PHYTANIC ACID
- **ABBREVIATION:** 911254
- **SPECIMEN TYPE:** Plasma
- **STORAGE TEMP:** CR FZN
- **CPT CODE(S):** 911254
- **INSTRUMENT/LOC:** CPL
- **TUBE/CONTAINER:** CPL NAHEP DK GRN (1), CPL PLASMA ALQ (1)
- **TESTS:** No tests in this specimen
- **INFORMATION:** PLRED, FREEZE SERUM.
- **NOTE:** FASTING 12 HOURS
- **ASTM/HL7/SDF 1:** 911254
- **CPL:** 4391
- **ZCPL:** 4391
- **VALID ICD-9 CODES:** No
- **VALID ICD-10 CODES:** No

**NOTES:**
- **Specimen Collection:** Sodium or lithium heparin (green top) tube
- **Specimen Processing:**
  1 mL sodium or lithium heparin plasma. Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube. Freeze.
  Critical frozen (CFZ). Include patient age, gender, diet, and drug history. When multiple tests are ordered, submit separate tube for this test.
- **Volume**
  0.2 mL plasma
- **Conditions for specimen transportation:**
  Critical frozen (CFZ)
- **Specimen Acceptability:**
  After separation from cells: 1 day room temperature; 3 days refrigerated; 1 month frozen
- **Specimen Rejection:**
  Avoid repeated freeze/thaw cycles
- **Methodology:**
  Liquid chromatography-tandem mass spectrometry (LC-MS/MS)
- **Specimen Referral:**
  Clinical Pathology Laboratories

### NAME: SCREEN MCARE OCCULT BLOOD
- **ABBREVIATION:** 911275
- **SPECIMEN TYPE:** STOOL
- **STORAGE TEMP:** RM TEMP
- **CPT CODE(S):** 911275
- **INSTRUMENT/LOC:** MICROBIOLOGY
- **TUBE/CONTAINER:** CARDX1 (1), CARDX2 (1), CARDX3 (1)
- **TESTS:** Stool Occult Blood 1, Stool Occult Blood 2, Stool Occult Blood 3, Stool Occult Blood QC
- **ASTM/HL7/SDF 1:** 911275
- **CPL:** 7017
- **ZCPL:** 7017
- **VALID ICD-9 CODES:** Yes
- **VALID ICD-10 CODES:** No
Order Choice Information

NAME: CULTURE MRSA
ABBREVIATION: 911364
SPECIMEN TYPE: SWAB
STORAGE TEMP: RM TEMP
CPT CODE(S): 911364
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CX (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911364
CPL: 6012
ZCPL: 6012
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Dual culture swab in transport media

Specimen Processing:
Inoculated swab in transport media. Room temperature.

Volume
1 swab

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
2 days room temperature

Specimen Rejection:
Will reject viral transport media, swabs collected
greater than 2 days prior to submission, dry swabs,
non-sterile or leaking containers, expired transport media,
frozen specimens, specimens in fixative (formalin),
swabs not submitted in transport media.

Methodology:
Standard culture methodology

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: AC MYCOPLASMA IGG/IGM ABS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 911471</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 911471</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
</tbody>
</table>

INFORMATION: NOTE: PARALLEL TESTING IS PREFERRED AND CONVALESCENT SAMPLES MUST BE RECEIVED WITHIN 30 DAYS OF RECEIPT OF ACUTE SAMPLES. CLEARLY LABEL SAMPLE AS ACUTE OR CONVALESCENT.

ASTM/HL7/SDF 1: 911471
CPL: 4588
ZCPL: 4588
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
0.1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Stability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
icterus
contaminated samples
heat-inactivated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CMV BY PCR QUANT (PLASMA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>911502</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>EDTA PLASMA</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<td>CPT CODE(S):</td>
<td>911502</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL LAV1 (1), CPL LAV2 (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1:</td>
<td>911502</td>
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<tr>
<td>CPL:</td>
<td>4187</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>EDTA (lavender top) tube</td>
</tr>
</tbody>
</table>

**Specimen Collection:**
EDTA (lavender top) tube

**Specimen Processing:**
3 mL EDTA plasma. Centrifuge sample and separate plasma from cells within 6 hours of collection. Transfer plasma to a polypropylene transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

**Volume**
3 mL plasma

**Conditions for specimen transportation:**
Frozen

**Specimen Acceptability:**
1 week refrigerated; 6 weeks frozen

**Specimen Rejection:**
Serum
heparin plasma

**Methodology:**
Polymerase chain reaction (PCR)

**Specimen Referral:**
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>HEPATITIS B DNA PCR QNT</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>911532</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>911532</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. REFRIGERATE.</td>
</tr>
</tbody>
</table>

ASTM/HL7/SDF 1: 911532

CPL: 4286

ZCPL: 4286

VALID ICD-9 CODES: No

VALID ICD-10 CODES: No

NOTES:

Specimen Collection:
Serum separator tube

Specimen Processing:
3 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 6 hours of collection. Transfer serum to a polypropylene transport tube. Refrigerate. When multiple tests are ordered, submit separate tube for this test.

Volume
3 mL serum or plasma

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days room temperature; 1 week refrigerated; 6 weeks frozen

Specimen Rejection:
Heparin plasma samples submitted in polystyrene tubes

Methodology:
Polymerase chain reaction (PCR) by roche cobas ampliprep/taqman v2.0

Specimen Referral:
Clinical Pathology Laboratories
**NAME:** INSULIN GF BINDING PROTEIN -3  
**ABBREVIATION:** 911582  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 911582  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 911582  
**CPL:** 4361  
**ZCPL:** 4361  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.  
**Volume**  
0.5 mL serum  
Conditions for specimen transportation:  
Frozen  
Specimen Acceptability:  
1 day room temperature; 1 day refrigerated; 1 year frozen  
Specimen Rejection:  
Gross hemolysis  
gross lipemia  
gross icterus  
plasma samples  
Methodology:  
Chemiluminescent immunoassay (clia)  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: FRUCTOSAMINE
ABBREVIATION: 911583
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911583
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911583
CPL: 4230
ZCPL: 4230
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days room temperature; 2 weeks refrigerated; 2 months frozen

Specimen Rejection:
Gross hemolysis

Methodology:
Spectrophotometric

Specimen Rejection:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ANTI-JO-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION</td>
<td>911584</td>
</tr>
<tr>
<td>SPECIMEN TYPE</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP</td>
<td>CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S)</td>
<td>911584</td>
</tr>
<tr>
<td>INSTRUMENT/LOC</td>
<td>BIOPLEX</td>
</tr>
<tr>
<td>TUBE/CONTAINER</td>
<td>SST TIGER (1)</td>
</tr>
<tr>
<td>TESTS</td>
<td>ANTI-JO1 (EIA), ANTI-JO-1</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1</td>
<td>911584</td>
</tr>
<tr>
<td>CPL</td>
<td>4680</td>
</tr>
<tr>
<td>ZCPL</td>
<td>4680</td>
</tr>
<tr>
<td>VALID ICD-9 CODES</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES</td>
<td>No</td>
</tr>
<tr>
<td>NOTES</td>
<td>None</td>
</tr>
</tbody>
</table>

**Test includes:** Anti-JO-1

**Specimen collection:** Gold top (SST)

**Specimen storage and preservation:** After testing, 1 week refrigerated

**Conditions for specimen transportation:** Room temperature up to 8 hours; Refrigerated

**Specimen processing:** Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.

**Specimen acceptability:** Store sera at 2-8°C. Freeze sera at -20°C if not tested within 24 hours.

**Specimen rejection:** Samples received beyond specimen acceptability period

**Freeze/Thaw:** 1 cycle

**Methodology:** Multiplex Flow Immunoassay

**Specimen referral:** None
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>UROPORPHYRINOGEN -1 SYNTHETASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>911587</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>EDTA WB</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN and REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>911587</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL LAV (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>Collect two (2) 3 mL EDTA tubes. Submit one tube frozen and one tube refrigerated.</td>
</tr>
</tbody>
</table>

**ASTM/HL7/SDF 1: 911587**

**CPL: 4944**

**ZCPL: 4944**

**VALID ICD-9 CODES: No**

**VALID ICD-10 CODES: No**

**NOTES:**
- Specimen Collection:
  - EDTA (lavender top) tube
  - Collect two 3mL EDTA tubes.
  - 3mL EDTA whole blood. Freeze
  - Also submit 3 mL EDTA whole blood. Refrigerate.

- Specimen Processing:
  - 3 mL EDTA whole blood. Freeze.

- **Volume**
  - 3 mL whole blood

- **Conditions for specimen transportation:**
  - 1 tube frozen and 1 tube refrigerated

- **Specimen Acceptability:**
  - 4 hours room temperature; 1 week refrigerated; 1 month frozen

- **Specimen Rejection:**
  - Clotted samples
  - room temperature samples
  - body fluid

- **Methodology:**
  - Fluorometry/enzymatic

- **Specimen Referral:**
  - Clinical Pathology Laboratories
Order Choice Information

NAME: ALDOSTERONE 24HR URINE
ABBREVIATION: 911600
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 911600
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911600
CPL: 4314
ZCPL: 4314
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total volume. Transfer 10 mL from a well-mixed 24 hour collection to a plastic transport tube. Freeze.
Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
1 mL urine

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature; unacceptable refrigerated; 1 month frozen

Specimen Rejection:
Room temperature samples
refrigerated samples

Methodology:
Chemiluminescent immunoassay (clia)

Specimen Referral:
Clinical Pathology Laboratories
NAME: PROTHROMBIN MUTATION
ABBREVIATION: 911622
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 911622
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4841 LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911622
CPL: 4841
LABCORP: 511162
ZCPL: 4841
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Critical refrigerate (CRF).

Volume
5 mL whole blood

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
1 week refrigerated

Specimen Rejection:
Clotted samples

Methodology:
Polymerase chain reaction (PCR)/melting curve

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: GAD 65 ANTIBODY
ABBREVIATION: 911624
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911624
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL PLAIN RED (1), CPL SERUM ALQ (1)
TESTS: No tests in this specimen
INFORMATION: ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE.
ASTM/HL7/SDF 1: 911624
CPL: 4001
ZCPL: 4001
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 1 day room temperature; 1 week refrigerated; 3 months frozen

Specimen Rejection:
Gross hemolysis
plasma

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: AC AMOEBIC ANTIBODIES
ABBREVIATION: 911630
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911630
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: CLEARLY LABEL SAMPLES AS ACUTE OR CONVALESCENT.
ASTM/HL7/SDF 1: 911630
CPL: 4500
ZCPL: 4500
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.
Parallel testing is preferred and convalescent samples must
be received within 30 days of receipt of acute samples.
Clearly label samples as acute or convalescent.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
contaminated samples
heat-inactivated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>AC CAT SCRATCH FEVER IGM</th>
</tr>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
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<tr>
<td>CPT CODE(S):</td>
<td>911657</td>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
<td>4527</td>
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<td>ZCPL:</td>
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<td>VALID ICD-9 CODES:</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

### NOTES:
- Specimen Collection:
  - Serum separator tube
- Specimen Processing:
  - 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.
- Volume
  - 0.5 mL serum
- Conditions for specimen transportation:
  - Refrigerated
- Specimen Acceptability:
  - After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen
- Specimen Rejection:
  - Hemolysis
  - Lipemia
  - Contaminated samples
- Methodology:
  - Indirect fluorescent antibody (IFA)
- Scientific name:
  - BARTONELLA HENSELAE IgM
- Specimen Referral:
  - Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>ORDER CHOICE INFORMATION</strong></th>
</tr>
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<tbody>
<tr>
<td><strong>NAME:</strong> ANTI-Ds DNA SCREEN</td>
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<tr>
<td><strong>ABBREVIATION:</strong> 911661</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong> Serum</td>
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<tr>
<td><strong>STORAGE TEMP:</strong> CR FZN</td>
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<td><strong>CPT CODE(S):</strong> 911661</td>
</tr>
<tr>
<td><strong>INSTRUMENT/LOC:</strong> BIOPLEX</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong> SST TIGER (1)</td>
</tr>
<tr>
<td><strong>TESTS:</strong> Ds DNA (EIA), Reflex DsDNA Crithidia, ANTI-dsDNA</td>
</tr>
<tr>
<td><strong>ASTM/HL7/SDF 1:</strong> 911661</td>
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<tr>
<td><strong>CPL:</strong> 4287</td>
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<tr>
<td><strong>ZCPL:</strong> 4287</td>
</tr>
<tr>
<td><strong>VALID ICD-9 CODES:</strong> No</td>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong> No</td>
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<tr>
<td><strong>NOTES:</strong></td>
</tr>
<tr>
<td>Patient preparation: None</td>
</tr>
</tbody>
</table>

Test includes: Anti-Ds DNA Screen

Specimen collection: Gold top (SST)

Specimen storage and preservation: After testing, 1 week refrigerated

Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated

Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.

Specimen acceptability: Store sera at 2-8°C. Freeze sera at -20°C if not tested within 24 hours.

Specimen rejection: Samples received beyond specimen acceptability period

Freeze/Thaw: 1 cycle

Methodology: Multiplex Flow Immunoassay

Specimen referral: None
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: CHROMOGRANIN A</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 911662</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: CR FZN</td>
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<tr>
<td>CPT CODE(S): 911662</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL PLAIN RED (1), CPL SERUM ALQ (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>INFORMATION: CRITICAL FROZEN!!</td>
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<tr>
<td>ASTM/HL7/SDF 1: 911662</td>
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<tr>
<td>CPL: 4460</td>
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<td>ZCPL: 4460</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test. Modifier: 0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation: Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability: After separation from cells: 2 days room temperature; 2 weeks refrigerated; 6 weeks frozen</td>
</tr>
<tr>
<td>Methodology: Enzyme immunoassay (eia)</td>
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<tr>
<td>Specimen Rejection: Hemolysis lipemia icterus plasma</td>
</tr>
<tr>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
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</tbody>
</table>
Order Choice Information

NAME: CULTURE NASAL
ABBREVIATION: 911664
SPECIMEN TYPE: SWAB
STORAGE TEMP: RM TEMP
CPT CODE(S): 911664
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CX (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911664
CPL: 6035
ZCPL: 6035
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Dual culture swab in transport media

Specimen Processing:
Inoculated swab in transport media. Room temperature.

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
1 day room temperature samples received 24-48 hours after collection will be reported with the following comment: "specimen was not received into the laboratory within 24 hours. Some organisms may have significant loss of viability. Recollection should be considered.

Specimen Rejection:
Will reject viral transport media, swabs collected more than 2 days prior to submission, dry swabs, non-sterile or leaking containers, expired transport media, frozen specimens, specimens in fixative (formalin), swabs not submitted in transport media, or specimens submitted in tissue paper

Methodology:
Standard culture methods

Specimen Referral:
Clinical Pathology Laboratories

Specimen Collection:
Dual culture swab in transport media

Specimen Processing:
Inoculated swab in transport media. Room temperature.

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
1 day room temperature samples received 24-48 hours after collection will be reported with the following comment: "specimen was not received into the laboratory within 24 hours. Some organisms may have significant loss of viability. Recollection should be considered.

Specimen Rejection:
Will reject viral transport media, swabs collected more than 2 days prior to submission, dry swabs, non-sterile or leaking containers, expired transport media, frozen specimens, specimens in fixative (formalin), swabs not submitted in transport media, or specimens submitted in tissue paper

Methodology:
Standard culture methods

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: PSA SCREEN MEDICARE
ABBREVIATION: 911676
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 911676
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: SST GOLD (1)
TESTS: PSA Total
ASTM/HL7/SDF 1: 911676
CPL: 2608
ZCPL: 2608
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None
Specimen Collection: SST Serum only
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
- Room Temperature (15 to 30°C) 3 hours
- Refrigerated (2 to 8°C) 24 hours
- Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
- Room Temperature (15 to 30°C) if shipping within 3 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 3 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 2 cycles
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None
Order Choice Information

NAME: ALKALINE PHOS FRAC ISOENZ
ABBREVIATION: 911677
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 911677
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C2614A SRM FZN (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: Patient should be fasting prior to collection.
ASTM/HL7/SDF 1: 911677
CPL: 2614
ZCPL: 2614
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST

Volume
2 mL serum

Conditions for specimen transportation:
FROZEN

Specimen Acceptability:
After separation from cells:

Methodology:
PHOTOMETRIC/ELECTROPHORESIS

Specimen Rejection:
Hemolysis

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<td>STORAGE TEMP: RM TEMP</td>
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<td>CPT CODE(S): 911683</td>
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<td>INSTRUMENT/LOC: DXC</td>
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<td>TUBE/CONTAINER: LT GRN (1)</td>
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<td>TESTS: Sodium, Potassium, Chloride, CO2, Glucose, Blood, BUN, Creatinine, Serum, Calcium, Total Protein, Albumin, Bilirubin, Total, AST /SGOT, ALT /SGPT, Alkaline Phosphatase, Uric Acid, Cholesterol, Phosphorus, Triglyceride, GGT, Bilirubin, Direct, eGFR Non-Black, eGFR Black, AGAP</td>
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<td>ASTM/HL7/SDF 1: 911683</td>
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<td>CPL: 9180</td>
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<td>ZCPL: 9180</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: None</td>
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</table>

**Patient Preparation:** None

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycle

**Specimen Rejection:** Gross Hemolysis, Lipemia, Improper Container or Labeling.

**Methodology:** See individual tests.

**Specimen Referral:** None
NAME:  LYMPHOCYTE AG & MITOGEN ANALY
ABBREVIATION:  911695
SPECIMEN TYPE:  NAHEP WB
STORAGE TEMP:  CR RM TEMP
CPT CODE(S):  911695
INSTRUMENT/LOC:  CPL
TUBE/CONTAINER:  CONTROL SAMPLE  F / M (1), CPL NAHEP WB (1)
TESTS:  No tests in this specimen
INFORMATION:  MUST BE SUBMITTED WITH LABELED CONTROL SAMPLE COLLECTED FROM UNRELATED INDIVIDUAL.
MUST BE SCHEDULED IN ADVANCE WITH CPL REFERRAL DEPT. DRAW TUES-FRI IN AM.
CRITICAL ROOM TEMP.
ASTM/HL7/SDF 1:  911695
CPL:  5320
LABCORP:  081333
ZCPL:  5320
VALID ICD-9 CODES:  Yes
VALID ICD-10 CODES:  No
NOTES:
Specimen Collection:
Sodium heparin (green top) tube

Specimen Processing:
10 mL sodium heparin (green top) whole blood submitted in original collection container.
Critical room temperature (CRT). Also collect an additional 10 mL sodium heparin (green top) whole blood from a healthy, normal, unrelated donor at approximately the same time as and under similar conditions as the patient. Label this sample as "control for (patient name)" and include the gender of the control on the label. Rubber band patient and control samples together for shipment to the laboratory. Both patient and control samples are critical room temperature (CRT). This test must be scheduled in advance with the referral department.

Volume
10 mL whole blood

Conditions for specimen transportation:
Critical room temperature (CRT)

Specimen Acceptability:
2 days room temperature; unacceptable refrigerated; unacceptable frozen both patient and control samples must be received within 24 hours of collection

Specimen Rejection:
Hemolysis
refrigerated samples
frozen samples
samples more than 24 hours old
samples collected in ACD solution b tube
samples submitted with no control sample

Methodology:
Cell culture

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: HIV-1 RNA PCR ULTRASENSITIVE
ABBREVIATION: 911700
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 911700
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4871 LAV (1), C4871A PL FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911700
CPL: 4871
ZCPL: 4871
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No

NAME: LYME DISEASE WESTERN BLT IGM
ABBREVIATION: 911701
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911701
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911701
CPL: 5268
ZCPL: 5268
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated.

Specimen Acceptability:
2 days room temperature; 7 days refrigerated; 3 months frozen

Methodology:
Immunoblot

Specimen Referral:
Clinical Pathology Laboratories
ORDER CHOICE INFORMATION

NAME: AC RUBEOLA IGG ANTIBODY
ABBREVIATION: 911712
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911712
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: CLEARLY LABEL SAMPLE AS ACUTE OR CONVALESCENT
ASTM/HL7/SDF 1: 911712
CPL: 4604
ZCPL: 4604
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: 5/24/2013 08:56:56 - ALIAS: MEASLES (RUBEOLA) ANTIBODY, RUBEOLA (MEASLES) ANTIBODY
***
NAME: AC RUBEOLA IGM ANTIBODY
ABBREVIATION: 911713
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911713
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911713
CPL: 4603
ZCPL: 4603
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
0.1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
icterus
contaminated samples
heat-inactivated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: PORPHOBILINOGEN RANDOM UR
ABBREVIATION: 911727
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 911727
INSTRUMENT/LOC: LABCORP
TUBE/CONTAINER: ALQ1 (1), RU CUP (1)
TESTS: No tests in this specimen
INFORMATION: PROTECT FROM LIGHT DURING COLLECTION, STORAGE AND SHIPMENT WITH FOIL. FREEZE URINE ALIQUOT. IT IS ADVISABLE NOT USE FIRST VOIDED MORNING SPECIMEN, LATE EVENING SPECIMEN AFTER 8 PM OR SPECIMEN OBTAINED AFTER DRINKING EXCESSIVE FLUID INTAKE.

ASTM/HL7/SDF 1: 911727
CPL: 4906
LABCORP: 003053
ZCPL: 4906
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plastic urine container with 0.5 mL of 30% glacial acetic acid (optional preservative, but required if ordered with ∆ZALA) and amber plastic frozen transport tube and cap (LabCorp N° 78656)

Specimen Processing:
On collection of random urine, it is advisable not to use first voided morning specimen, late evening specimen after 8 PM, or specimen obtained following excessive fluid intake. Transfer the urine into a LabCorp amber plastic frozen transport tube with amber cap (LabCorp N° 78656). If ordered with ∆ZALA, pH must be <6. Label the container with the patient's name and date. The specimen should be frozen immediately and maintained frozen until tested. (If amber tube and cap are not available, cover a clear plastic transport tube completely from top to bottom with aluminum foil. Identify the specimen with the patient's name directly on the transport tube and the outside of the aluminum foil. Secure with tape.)

Volume
3 mL urine, min volume 1 mL

Conditions for specimen transportation:
Freeze immediately and protect from light. Urine is stable when preserved with 30% glacial acetic acid and frozen for one month or refrigerated for 24 hours.
If 30% glacial acetic acid is not available, freeze urine specimen.

Specimen Acceptability:
Frozen for one month or refrigerated for 24 hours.

Specimen Rejection:
Specimen exposed to light; specimen not received frozen

Methodology:
Chromatography/spectrophotometry

Specimen Referral:
LabCorp
## Order Choice Information

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<thead>
<tr>
<th>Name</th>
<th>RICKETTSIAL PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviation</td>
<td>911732</td>
</tr>
<tr>
<td>Specimen Type</td>
<td>Serum</td>
</tr>
<tr>
<td>Storage Temp</td>
<td>REFRIG</td>
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<tr>
<td>CPT Code(s)</td>
<td>911732</td>
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<tr>
<td>Instrument/LOC</td>
<td>CPL</td>
</tr>
<tr>
<td>Tube/Container</td>
<td>CPL SST GOLD (1)</td>
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<tr>
<td>Tests</td>
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<tr>
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<td>Valid ICD-10 Codes</td>
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<tr>
<td>Notes</td>
<td></td>
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</tbody>
</table>

### Specimen Collection:
Serum separator tube

### Specimen Processing:
2.5 mL serum. Allow sample to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

### Volume
2.5 mL serum

### Conditions for specimen transportation:
Refrigerated

### Specimen Acceptability:
3 days refrigerated; 1 year frozen

### Methodology:
Semi-quantitative direct immunofluorescence AB

### Specimen Rejection:
Hemolysis

### Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>ANTIBODY SCREEN (RBC)</th>
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</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>911740</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
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<td><strong>TUBE/CONTAINER:</strong></td>
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<td><strong>NOTES:</strong></td>
<td>Patient preparation: N/A</td>
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<td></td>
<td>Specimen collection: 2 tubes EDTA whole blood, Lavender top tube;</td>
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<td></td>
<td>Specimen processing: Well mixed sample</td>
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<td>Specimen storage and preservation:</td>
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<td></td>
<td>Room Temperature (15 - 30°C) 24 hours</td>
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<td></td>
<td>Refrigerated (2 - 8°C) 7 days</td>
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<td></td>
<td>Frozen (-20°C) N/A</td>
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<td></td>
<td>Conditions for specimen transportation: Room temperature</td>
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<tr>
<td></td>
<td>Specimen acceptability: EDTA whole blood (2 tubes)</td>
</tr>
<tr>
<td></td>
<td>Specimen rejection: Short samples; Hemolysis; clotted specimen; specimen drawn in any anticoagulant other than EDTA; specimen diluted or contaminated with IV fluid; tube not filled with minimum volume; improper labeling; specimen received with plasma removed (plasma is used for other testing)</td>
</tr>
<tr>
<td></td>
<td>Freeze/Thaw: N/A</td>
</tr>
<tr>
<td></td>
<td>Methodology: Tango Optimo Automated Blood Bank Analyzer</td>
</tr>
<tr>
<td></td>
<td>Specimen referral: Samples with a positive antibody screen will be sent to CPL for confirmation testing</td>
</tr>
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</table>
### Order Choice Information

**NAME:** FTA AB  
**ABBREVIATION:** 911759  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 911759  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 911759  
**CPL:** 4558  
**ZCPL:** 4558  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.  
Volume  
0.2 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
Unacceptable room temperature; 5 days refrigerated; 2 weeks frozen  
Specimen Rejection:  
Hemolysis  
lipemia  
CSF  
body fluid  
Methodology:  
Particle agglutination  
Specimen Referral:  
Clinical Pathology Laboratories
**NAME:** AC ECHINOCOCCAL ABS
**ABBREVIATION:** 911761
**SPECIMEN TYPE:** Serum
**STORAGE TEMP:** REFRIG
**CPT CODE(S):** 911761
**INSTRUMENT/LOC:** CPL
**TUBE/CONTAINER:** CPL SST GOLD (1)
**TESTS:** No tests in this specimen
**ASTM/HL7/SDF 1:** 911761
**CPL:** 4549
**ZCPL:** 4549
**VALID ICD-9 CODES:** No
**VALID ICD-10 CODES:** No

**NOTES:**
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

**Volume**
0.3 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

**Specimen Rejection:**
Lipemia
contaminated samples
avoid repeated freeze/thaw cycles

**Methodology:**
Enzyme-linked immunosorbent assay (ELISA)

**Specimen Referral:**
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>FTI- FREE THYROXINE INDEX</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>911766</td>
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<tr>
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<td>RM TEMP</td>
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<td>DXI</td>
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<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
<td>Total T4, T3 Uptake, Free Thyroxin Index</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Patient Preparation: None</td>
</tr>
</tbody>
</table>

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

- **Room Temperature (15 to 30°C)**: 8 hours
- **Refrigerated (2 to 8°C)**: 24 hours
- **Frozen Aliquot (-20°C)**: 7 days

Conditions for Specimen Transportation:

- **Room Temperature (15 to 30°C)** if shipping within 8 hours of collection.
- **Refrigerated (2 to 8°C)** if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: EOSINOPHIL BLOOD TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 911796</td>
</tr>
<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
</tr>
<tr>
<td>STORAGE TEMP: RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S): 911796</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL LAV (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 911976</td>
</tr>
<tr>
<td>CPL: 1365</td>
</tr>
<tr>
<td>ZCPL: 1365</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - EDTA (lavender top) tube

- Specimen Processing:
  - 5 mL EDTA whole blood. Refrigerate.
  - Volume
    - 1 mL whole blood

- Conditions for specimen transportation:
  - Refrigerated

- Specimen Acceptability:
  - 2 days refrigerated

- Specimen Rejection:
  - Hemolysis
  - Clotted samples
  - Frozen samples
  - Samples with less than 1 mL blood
  - Samples collected in inappropriate anticoagulant

- Methodology:
  - Automated hematology analyzer

- Specimen Referral:
  - Clinical Pathology Laboratories
| **NAME:** LAMICTAL LEVEL |
| **ABBREVIATION:** 911838 |
| **SPECIMEN TYPE:** Serum |
| **STORAGE TEMP:** REFRIG |
| **CPT CODE(S):** 911838 |
| **INSTRUMENT/LOC:** CPL |
| **TUBE/CONTAINER:** CPL ALQ (1), CPL PLAIN RED (1) |
| **TESTS:** LAMICTAL LEVEL, Lamictal Dose Time |
| **ASTM/HL7/SDF 1:** 911838 |
| **CPL:** 5931 |
| **ZCPL:** 5931 |
| **VALID ICD-9 CODES:** No |
| **VALID ICD-10 CODES:** No |
| **NOTES:** |
| Specimen Collection: |
| Plain red top tube |

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Note: ideal sampling time for all antiepileptic drugs is immediately before the next oral dose (trough). If this is not possible, patients should not be advised to delay their scheduled dose for longer than 2-3 hours. Sample collection and the time that the medication was last ingested should be noted on the requisition.

Volume
0.2 mL serum or plasma

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
4 days room temperature; 2 weeks refrigerated; 1 month frozen

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Rejection:
Samples collected in serum separator tube

Specimen Referral:
Clinical Pathology Laboratories

---

**Order Choice Information**

---

The Austin Diagnostic Clinic Laboratory
12221 North Mopac Expressway
AUSTIN, TX 78758
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>C-REACTIVE PROTEIN US QNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>911841</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>911841</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF:</td>
<td>911841</td>
</tr>
<tr>
<td>CPL:</td>
<td>5083</td>
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<tr>
<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
</tbody>
</table>

**Specimen Processing:**
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

**Volume:**
0.25 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
1 week room temperature; 2 months refrigerated

**Specimen Rejection:**
Hemolysis
Lipemia

**Methodology:**
Olympus AU600 quantitative procedure or other automated chemistry method

**Specimen Referral:**
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** CORTISOL, RANDOM SERUM  
**ABBREVIATION:** 911882  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 911882  
**INSTRUMENT/LOC:** DXI  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** Cortisol, Random  
**ASTM/HL7/SDF 1:** 911882  
**CPL:** 2655  
**ZCPL:** 2655  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
- **Patient Preparation:** None  
- **Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum  
- **Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
- **Specimen Storage and Preservation:**  
  - Room Temperature (15 to 30°C) 8 hours  
  - Refrigerated (2 to 8°C) 2 days  
  - Frozen Aliquot (-20°C) 7 days  
- **Conditions for Specimen Transportation:**  
  - Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
  - Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
- **Specimen Acceptability:** SST - SERUM  
- **Freeze Thaw Cycle:** 1 cycle  
- **Specimen Rejection:** Improper Container or Labeling  
- **Methodology:** Chemiluminescence Immunoassay  
- **Specimen Referral:** None

---

**NAME:** STREP B VAGINAL CULTURE  
**ABBREVIATION:** 911891  
**SPECIMEN TYPE:** VAGINAL  
**STORAGE TEMP:** RM TEMP  
**SPECIMEN TYPE:** Microbiology  
**CPT CODE(S):** 911891;87158;87158Z91;87186  
**INSTRUMENT/LOC:** MICROBIOLOGY  
**TUBE/CONTAINER:** SWAB (1)  
**TESTS:** CARROT BROTH, BLOOD AGAR  
**ASTM/HL7/SDF 1:** 911891  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
**Order Choice Information**

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<thead>
<tr>
<th>NAME:</th>
<th>HERPES SIMPLEX CULTURE</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>911901</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>SWAB</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>911901</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>M4RT MEDIA (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>Collect M4 Swab in HSV Viral Transport Media, Refrigerate.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF:</td>
<td>911901</td>
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<tr>
<td>CPL:</td>
<td>6069</td>
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<td>VALID ICD-9 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection:</td>
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<td></td>
<td>M4RT transport container</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>Inoculated swab in HSV viral transport culture set.</td>
</tr>
<tr>
<td></td>
<td>Indicate source of sample on request. Refrigerate.</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>3 days refrigerated; 1 week frozen at -70c</td>
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<tr>
<td>Specimen Rejection:</td>
<td>Samples not submitted in viral transport media</td>
</tr>
<tr>
<td></td>
<td>calcium alginate swabs</td>
</tr>
<tr>
<td></td>
<td>wood swabs</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Diagnostic hybrid elvis method</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
NAME: KEPPRA LEVEL
ABBREVIATION: 911914
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 911914
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911914
CPL: 5571
ZCPL: 5571
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.
Note: ideal sampling time for all antiepileptic drugs is immediately before the next oral dose (trough). If this is not possible, patients should not be advised to delay their scheduled dose for longer than 2-3 hours. Sample collection time and the time that the medication was last ingested should be noted on the requisition.

Volume
0.2 mL serum or plasma

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated; 1 month frozen

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Rejection:
Samples collected in serum separator tube

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: MYCOPHENOLIC ACID</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION: 911935</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: CR FZN</td>
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<tr>
<td>CPT CODE(S): 911935</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL PLAIN RED (1), CPL SERUM ALQ (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE WITHIN 2 HOURS OF COLLECTION COLLECT SAMPLE 12 HOURS POST-DOSE.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 911935</td>
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<tr>
<td>CPL: 5365</td>
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<td>ZCPL: 5365</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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</tbody>
</table>

**NOTES:**
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze. Collect sample 12 hours post-dose. When multiple tests are ordered, submit separate tube for this test.

Volume
0.6 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
1 day room temperature; 2 days refrigerated; 2 months frozen

Specimen Rejection:
Samples collected in serum separator tube

Methodology:
High performance liquid chromatography (hplc)

Specimen Referral:
Clinical Pathology Laboratories

---

Printed on: January 29, 2016  3:28 PM
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>ZONISAMIDE LEVEL Q</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>911937</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>C5564 PLR (1), C5564A SRM (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>911937</td>
</tr>
<tr>
<td>CPL:</td>
<td>5564</td>
</tr>
<tr>
<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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</tbody>
</table>

**NOTES:**

Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated 2 weeks frozen

Methodology:
High performance liquid chromatography (hplc)

Specimen Rejection:
Samples collected in serum separator tube

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: SIROLIMUS (RAPAMYCIN)
ABBREVIATION: 911939
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 911939
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911939
CPL: 5283
ZCPL: 5283
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
1 mL EDTA whole blood. Refrigerate.
Pre-dose (trough) level should be collected.

Volume
0.3 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated; 2 months frozen

Specimen Rejection:
Clotted samples
serum
plasma
samples left at room temperature for more than 24 hours

Methodology:
High performance liquid chromatography-tandem mass spectrometry (hplc-ms/ms)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: COLLAGEN CROSSLINK BLOOD</th>
<th>ABBREVIATION: 911961</th>
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<tbody>
<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>CPT CODE(S): 911961</td>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: C5267 PLR (1), C5267A SRM FZN (1)</td>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF: 911961</td>
<td>CPL: 5267</td>
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<tr>
<td>ZCPL: 5267</td>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
<td>NOTES: Specimen Collection: Plain red top tube</td>
</tr>
</tbody>
</table>

Specimen Processing:
0.5 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.2 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 5 hours room temperature; 1 day refrigerated; 6 months frozen

Specimen Rejection:
Hemolysis
room temperature samples

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: SEROTONIN SERUM
ABBREVIATION: 911968
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 911968
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. CRITICAL FROZEN.
PATIENT SHOULD ABSTAIN FROM MEDICATIONS FOR 72 HOURS PRIOR TO COLLECTION.

ASTM/HL7/SDF 1: 911968
CPL: 4258
ZCPL: 4258
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 1 hour of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ).
Medications that may affect results include mao inhibitors, methyldopa, morphine, reserpine and lithium.
Patient should abstain from medications for 72 hours prior to collection upon the advice of their physician. When multiple tests are ordered, submit separate tube for this test.

Volume
0.3 mL frozen serum

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: unacceptable room temperature; 1 day refrigerated; 1 month frozen

Methodology:
High performance liquid chromatography (hplc)

Specimen Rejection:
Room temperature samples
samples other than serum

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: BONE SPECIFIC ALK PHOS
ABBREVIATION: 911970
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 911970
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5264 PLR (1), C5264A SRM FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 911970
CPL: 5264
LABCORP: 513002
ZCPL: 5264
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.3 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 days refrigerated; 2 months frozen

Specimen Rejection:
Hemolysis

Methodology:
Chemiluminescent immunoassay (clia)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: CELL CT/DIFF</th>
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<tbody>
<tr>
<td>ABBREVIATION: 912002</td>
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<tr>
<td>SPECIMEN TYPE: FLUID</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>SPECIMEN TYPE: Manual Diff</td>
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<tr>
<td>CPT CODE(S): 912002</td>
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<tr>
<td>INSTRUMENT/LOC: MAIN LAB</td>
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<tr>
<td>TUBE/CONTAINER: BF DKGRN (1), BF LAV (1)</td>
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<tr>
<td>TESTS: Source:, BF TNC Cell Count, BF WBC Cell Count, BF Neutrophil Count, BF Lymphocyte Count, BF Monocyte Count, BF Other Cells, BF Color, BF Clarity</td>
</tr>
<tr>
<td>INFORMATION: ADC requires Dk Green top; CPL requires Lavender Top</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 912002</td>
</tr>
<tr>
<td>CPL: 1210</td>
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<td>ZCPL: 1210</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Patient preparation: N/A</td>
</tr>
</tbody>
</table>

Specimen collection: Synovial Fluid in Sodium Heparin, dark green top; Synovial Fluid in EDTA, lavender top tube; Original syringe with needle removed

Specimen processing: None

Specimen storage and preservation:
Room Temperature (15 - 30°C) ASAP, 8 hours
Refrigerated (2 - 8°C) 24 hours
Frozen (-20°C) N/A

Conditions for specimen transportation: Sample should be transported to laboratory as soon as possible (ASAP); Transport at room temperature if shipping within 8 hours of collection or ship refrigerated if shipping after 8 hours of collection

Specimen acceptability: Synovial Fluid in Sodium Heparin, dark green top; Synovial Fluid in EDTA, Lavender top tube; Original syringe with needle removed

Specimen rejection: Samples received with needle attached to syringe; specimens that have been frozen; fluids that have been at room temperature for prolonged periods of time (greater than 8 hours)

Freeze/Thaw: N/A

Methodology: Automated cell analyzer if sample volume > 1.0 mL; manual cell count if sample volume <1.0 mL

Specimen referral: Extremely short volume fluids with additional tests (example- culture) to be performed on sample may be sent to CPL for testing.
Order Choice Information

NAME: UREA NITROGEN RANDOM URINE
ABBREVIATION: 912013
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP URINE
CPT CODE(S): 912013
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: RU CUP (1)
TESTS: Urea Nitrogen Urine
ASTM/HL7/SDF 1: 912013
CPL: 2046
ZCPL: 2046
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None
Specimen collection: Random Urine Cup
Specimen processing: None
Specimen storage and preservation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) 3 days
Conditions for specimen transportation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.
Specimen acceptability: Urine only
Freeze/Thaw: N/A
Specimen rejection: Improper Collection or Labeling
Methodology: Enzymatic
Specimen Referral: None
Order Choice Information

NAME: CYSTIC FIBROSIS 60 MUTATION
ABBREVIATION: 912014
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 912014
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV1 (1)
TESTS: No tests in this specimen
INFORMATION: Must have CPL Patient Profile Sheet to accompany specimen.
ASTM/HL7/SDF 1: 912014
CPL: 4124
LABCORP: 480533
ZCPL: 4124
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Refrigerate.
When multiple tests are ordered, submit separate tube for
this test.

Volume
5 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week refrigerated

Methodology:
Polymerase chain reaction (PCR)/

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>ACTIVATED PROTEIN C RESISTANCE</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>912024</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>CITR PL</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
</tr>
<tr>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL LT BLUE (1), CPL PLASMA ALQ (1)</td>
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<tr>
<td>TESTS:</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>912024</td>
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<tr>
<td>CPL:</td>
<td>4627</td>
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<tr>
<td>ZCPL:</td>
<td>4627</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
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</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Sodium citrate (light blue top) tube</td>
</tr>
</tbody>
</table>

### Specimen Processing:

1.5 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g (rcf) for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ).

When multiple tests are ordered, submit separate tube for this test.

### Volume

1.5 mL plasma

### Conditions for specimen transportation:

Critical frozen (CFZ)

### Specimen Acceptability:

2 hours room temperature; 4 hours refrigerated;

### Specimen Rejection:

Hemolysis

### Methodology:

Clot detection

### Specimen Referral:

Clinical Pathology Laboratories
Order Choice Information

NAME: AC INFLUENZA B IGG
ABBREVIATION: 912026
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 912026
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 912026
CPL: 4666
ZCPL: 4666
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
0.05 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
icterus
contaminated samples
heat-inactivated samples
turbid samples
plasma

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<td>VALID ICD-10 CODES: No</td>
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**NOTES:**
- Specimen Collection:
  - Serum separator tube
- Specimen Processing:
  - 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.
- Volume
  - 0.05 mL serum
- Conditions for specimen transportation:
  - Refrigerated
- Specimen Acceptability:
  - After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen
- Methodology:
  - Enzyme-linked immunosorbent assay (ELISA)
- Specimen Rejection:
  - Hemolysis
  - lipemia
  - icterus
  - contaminated samples
  - heat-inactivated samples
  - turbid samples
  - plasma
- Specimen Referral:
  - Clinical Pathology Laboratories

---

**Order Choice Information**
### Order Choice Information

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<td>VALID ICD-10 CODES:</td>
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**NOTES:**

Specimen Collection:
- Serum separator tube

Specimen Processing:
- 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

**Volume**
- 1 mL serum

Conditions for specimen transportation:
- Refrigerated

Specimen Acceptability:
- 2 days room temperature; 1 week refrigerated; 2 months frozen

Specimen Rejection:
- Hemolysis
- Lipemia

Methodology:
- Immunofluorescence assay

Specimen Referral:
- Clinical Pathology Laboratories
NAME: FACTOR VIII INHIBITOR
ABBREVIATION: 912030
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 912030
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LT BLUE (2), CPL PLASMA ALQ (2)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 912030
CPL: 4839
LABCORP: 086272
ZCPL: 4839
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium citrate (light blue top) tube

Specimen Processing:
6 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place 3 mL plasma into each of 2 properly labeled transport tubes. Clearly mark the samples as plasma. Immediately freeze. Critical frozen (CFZ).
When multiple tests are ordered, submit separate samples for this test.

Volume
6 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature;

Specimen Rejection:
Hemolysis

Methodology:
Clot detection

Specimen Referral:
Clinical Pathology Laboratories
NAME: FACTOR VII INHIBITOR
ABBREVIATION: 912031
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 912031
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ1 (1), CPL ALQ2 (1), CPL ALQ3 (1), CPL LT BLUE1 (1), CPL LT BLUE2 (1), CPL LT BLUE3 (1)
TESTS: No tests in this specimen
INFORMATION: DOUBLE CENTRIFUGE SPECIMEN. DRAW PRIOR TO FACTOR REPLACEMENT.
ASTM/HL7/SDF 1: 912031
CPL: 4855
LABCORP: 800599
ZCPL: 4855
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Citrate (light blue top) tube

Specimen Processing:
1. FILL 3 LIGHT BLUE TOP TUBES AS FAR AS VACUUM WILL ALLOW AND MIX BY GENTLE INVERSION FIVE TO SIX TIMES. THE EXACT RATIO OF 1 PART SODIUM CITRATE TO 9 PARTS BLOOD MUST BE MAINTAINED. INADEQUATE FILLING OF THE SAMPLE TUBE WILL ALTER THIS RATIO AND MAY LEAD TO INACCURATE RESULTS.
2. PATIENTS WHO HAVE HEMATOCRIT VALUES ABOVE 55% SHOULD HAVE THE ANTICOAGULANT ADJUSTED TO MAINTAIN THE 1 TO 9 RATIO. FOR FURTHER INSTRUCTIONS ON THE COLLECTION OF PLATELET-POOR PLASMA FOR PATIENTS WITH HEMATOCRIT VALUE OF >55%, PLEASE CONTACT CPL AUSTIN CUSTOMER SERVICE.
3. TO OBTAIN PLATELET-POOR PLASMA, IMMEDIATELY CENTRIFUGE SAMPLE AT 1500 RCFs FOR 15 MINUTES, THEN PIPETTE THE SUPERNATANT PLASMA AND TRANSFER TO A PLASTIC TRANSPORT TUBE.
4. RE-CENTRIFUGE PLASMA IN THE PLASTIC TRANSPORT TUBE AT 1500 RCFs FOR 15 MINUTES TO ENSURE THAT NO RED CELLS ARE PRESENT.
5. PIPETTE THE TOP TWO-THIRDS OF THE SUPERNATANT PLASMA AND TRANSFER 2 ML PLASMA TO EACH OF THREE (3) PLASTIC TRANSPORT TUBES.
6. IMMEDIATELY FREEZE THE PLASMA AT -20 DEGREES C OR LOWER FOR TRANSPORT. CRITICAL FROZEN (CFZ).
7. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBES FOR THIS TEST.
PATIENT PREP: PATIENTS SHOULD DISCONTINUE ORAL ANTICOAGULANT THERAPY FOR AT LEAST 2 WEEKS PRIOR TO TESTING, UPON THE ADVICE OF THEIR PHYSICIAN.

Volume
6 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature;

Specimen Rejection:
Room temperature samples

Methodology:
Clot

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<td>SPECIMEN TYPE:</td>
<td>STOOL</td>
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<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
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<tr>
<td>INFORMATION:</td>
<td>5 ML UNPRESERVED LIQUID STOOL. SAMPLE MUST BE LIQUID.</td>
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<td>NOTES:</td>
<td>Specimen Collection:</td>
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<tr>
<td></td>
<td>Stool collection container</td>
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<tr>
<td>Specimen Processing:</td>
<td>5 mL unpreserved liquid stool. Sample must be liquid.</td>
</tr>
<tr>
<td></td>
<td>Do not add saline or water to liquefy sample.</td>
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<td>Critical frozen (CFZ). When multiple tests are ordered, submit separate sample for this test.</td>
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<tr>
<td>Volume</td>
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<td>Conditions for specimen transportation:</td>
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<td>samples submitted in media or preservatives</td>
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<td>Freezing point depression</td>
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<td>INFORMATION: STOOL MUST BE IN LIQUID FORM. FREEZE.</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>Specimen Collection:</td>
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<tr>
<td>Fecal collection container</td>
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<tr>
<td>Specimen Processing:</td>
<td></td>
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<tr>
<td>5 grams 24 hour or random stool. Sample must be liquid. Do not add saline or water to sample to liquefy. Freeze. When multiple tests are ordered, submit separate sample for this test.</td>
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<tr>
<td>Volume</td>
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<tr>
<td>5 mL liquid stool</td>
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<td>Conditions for specimen transportation:</td>
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<td>Specimen Acceptability:</td>
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<td>Non-liquid stool</td>
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<td>Ion selective electrode</td>
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### Order Choice Information

| NAME: CHLAMYDIA DNA PCR URINE |
| ABBREVIATION: 912043 |
| SPECIMEN TYPE: URINE |
| CPT CODE(S): 912043 |
| INSTRUMENT/LOC: CPL |
| TUBE/CONTAINER: CPL APTIMA TRANSPORT (1), CPL URINE (1) |
| TESTS: No tests in this specimen |
| INFORMATION: FIRST 20-30 ML VOIED URINE. THE PATIENT MUST NOT HAVE URINATED FOR THE LAST 1 HOUR. TRANSFER 2 ML URINE TO APTIMA TRANSPORT TUBE. |
| ASTM/HL7/SDF 1: 912043 |
| CPL: 5399 |
| ZCPL: 5399 |
| VALID ICD-9 CODES: No |
| VALID ICD-10 CODES: No |
| NOTES: Specimen Collection: Aptima combo 2 assay transport tube |
| Specimen Processing: First 20-30 mL voided urine. The patient must not have urinated for the last 1 hour. Transfer 2 mL urine to aptima transport tube within 24 hours of collection. Room temperature. Male or female samples accepted. |
| Volume 2 mL urine |
| Conditions for specimen transportation: Room temperature |
| Specimen Acceptability: Unpreserved urine: 1 day room temperature, 1 day refrigerated; Urine in Aptima transport tube: 1 month room temperature; 1 month refrigerated |
| Methodology: Transcription mediated amplification (TMA) |
| Specimen Referral: Clinical Pathology Laboratories |

Printed on: January 29, 2016 3:28 PM
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<td>NOTES:</td>
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<tr>
<td>Specimen Collection:</td>
<td>Serum separator tube</td>
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<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
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<tr>
<td>Volume</td>
<td>0.5 mL serum</td>
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<td>Specimen Rejection:</td>
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<tr>
<td></td>
<td>lipemia</td>
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<td>room temperature samples</td>
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<td>plasma samples</td>
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<td></td>
<td>contaminated samples</td>
</tr>
<tr>
<td></td>
<td>avoid repeated freeze/thaw cycles</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Semi-quantitative flow cytometry</td>
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**Order Choice Information**

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<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
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<tr>
<td>Serum separator tube</td>
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</tbody>
</table>

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 hours room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
room temperature samples
contaminated samples
avoid repeated freeze/thaw cycles

Methodology:
Semi-quantitative flow cytometry

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

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<td>NOTES:</td>
<td>Specimen Collection: Sterile leak-proof container</td>
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<td></td>
<td>Specimen Processing: 2 mL CSF, bronchial lavage or wash, urine, body fluids, nasal wash or stool in sterile leak-proof container. Freeze. When multiple tests are ordered, submit separate sample for this test.</td>
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<td>Volume 2 mL fluid</td>
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<td>Conditions for specimen transportation: Frozen</td>
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<td>Specimen Acceptability:</td>
<td>3 days room temperature; 2 weeks refrigerated; 3 months frozen</td>
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<tr>
<td>Specimen Rejection:</td>
<td>Will reject tongue depressors, diapers, and objects containing stool. Will reject urine in gray tubes. will reject probetec or bacterial swabs, dry swabs, wooden shaft swabs, or swabs in gel transport.</td>
</tr>
<tr>
<td>Methodology:</td>
<td>PCR (reverse transcriptase real time)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

---

**Specimen Collection:**
- Sterile leak-proof container

**Specimen Processing:**
- 2 mL CSF, bronchial lavage or wash, urine, body fluids, nasal wash or stool in sterile leak-proof container.
- Freeze. When multiple tests are ordered, submit separate sample for this test.

**Volume**
- 2 mL fluid

**Conditions for specimen transportation:**
- Frozen

**Specimen Acceptability:**
- 3 days room temperature; 2 weeks refrigerated; 3 months frozen

**Specimen Rejection:**
- Will reject tongue depressors, diapers, and objects containing stool. Will reject urine in gray tubes.
- Will reject probetec or bacterial swabs, dry swabs, wooden shaft swabs, or swabs in gel transport.

**Methodology:**
- PCR (reverse transcriptase real time)

**Specimen Referral:**
- Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>HEPATITIS E IGG</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>912048</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>912048</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>C5100 PLR (1), C5100A SRM FZN (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>Always send ABN to CPL if Medicare patient.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>912048</td>
</tr>
<tr>
<td>CPL:</td>
<td>5100</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>5100</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Frozen</td>
</tr>
<tr>
<td>Volume</td>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>1 week room temperature; 2 weeks refrigerated; 1 month frozen</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Enzyme-linked immunosorbent assay (ELISA)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: HEPATITIS E IGM
ABBREVIATION: 912049
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 912049
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5101 PLR (1), C5101A SRM FZN (1)
TESTS: No tests in this specimen
INFORMATION: Always send ABN to CPL if Medicare patient.
ASTM/HL7/SDF 1: 912049
CPL: 5101
ZCPL: 5101
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube. Frozen

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
1 week room temperature; 2 weeks refrigerated; 1 month frozen

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>AC TOXOCARA AB</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>912056</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>912056</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>912056</td>
</tr>
<tr>
<td>CPL:</td>
<td>5272</td>
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<td>ZCPL:</td>
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<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Serum separator tube</td>
</tr>
</tbody>
</table>

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
0.6 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
contaminated samples
heat-inactivated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME</th>
<th>THC QUANT URINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION</td>
<td>912067</td>
</tr>
<tr>
<td>SPECIMEN TYPE</td>
<td>Urine</td>
</tr>
<tr>
<td>STORAGE TEMP</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S)</td>
<td>912067</td>
</tr>
<tr>
<td>INSTRUMENT/LOC</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER</td>
<td>CPL CUP (1)</td>
</tr>
<tr>
<td>TESTS</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION</td>
<td>50 ML URINE REQUIRED</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1</td>
<td>912067</td>
</tr>
<tr>
<td>CPL</td>
<td>5911</td>
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<tr>
<td>ZCPL</td>
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</tr>
<tr>
<td>VALID ICD-9 CODES</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES</td>
<td>No</td>
</tr>
<tr>
<td>NOTES</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Urine collection container</td>
</tr>
</tbody>
</table>

**Specimen Collection:**
Urine collection container

**Specimen Processing:**
50 mL random urine. Room temperature.

**Volume**
30 mL urine

**Conditions for specimen transportation:**
Room temperature

**Specimen Acceptability:**
3 days room temperature; 1 week refrigerated; 1 year frozen

**Methodology:**
Gas chromatography/mass spectrometry (gcms)

**Specimen Referral:**
Clinical Pathology Laboratories
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME: THC SERUM/PLASMA QUANT</th>
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<tbody>
<tr>
<td>ABBREVIATION: 912071</td>
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<tr>
<td>SPECIMEN TYPE: Plasma</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 912071</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL GRAY (1), CPL PLASMA ALQ (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 912071</td>
</tr>
<tr>
<td>CPL: 5948</td>
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<tr>
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<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Sodium fluoride/potassium oxalate (gray top) tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>4 mL sodium fluoride/potassium oxalate plasma. Centrifuge sample and separate plasma from cells within 2 hours of collection. Transfer plasma to a plastic transport tube. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>2 mL plasma</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>After separation from cells: 1 week room temperature; 2 weeks refrigerated; 3 years frozen</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Liquid chromatography-tandem mass spectrometry (LC-MS/MS)</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Samples collected in serum separator tube</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
NAME:  E COLI 0157 STOOL  
ABBREVIATION:  912078  
SPECIMEN TYPE:  STOOL  
STORAGE TEMP:  RM TEMP  
CPT CODE(S):  912078  
INSTRUMENT/LOC:  CPL  
TUBE/CONTAINER:  CPL STL CX (1)  
TESTS:  No tests in this specimen  
INFORMATION:  When multiple tests are ordered, submit separate sample for this test.  
ASTM/HL7/SDF 1:  912078  
CPL:  6118  
ZCPL:  6118  
VALID ICD-9 CODES:  No  
VALID ICD-10 CODES:  No  
NOTES:  
Specimen Collection:  
Fecal transport container  
Specimen Processing:  
Fresh stool placed in fecal transport media (cary-blair with indicator). Refrigerate.  
Note: no more than two bacteriology specimens are recommended. Two specimens should be submitted in separate days to increase the probability of recovering pathogens. Two separate specimens will pick up 99% of bacterial pathogens.  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
2 days in stool culture preservative  
Methodology:  
Growth of e. Coli 0157:h7 on macconkey agar with  
Specimen Referral:  
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** ANTI-RIBOSOMAL P  
**ABBREVIATION:** 912884  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 912884  
**INSTRUMENT/LOC:** BIOPLEX  
**TUBE/CONTAINER:** SST TIGER (1)  
**TESTS:** ANTI-RIBOSOMAL  
**ASTM/HL7/SDF 1:** 912884  
**CPL:** 4475  
**ZCPL:** 4475  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient preparation: None  
Test includes: Anti-Ribosomal P  
Specimen collection: Gold top (SST)  
Specimen storage and preservation: After testing, 1 week refrigerated  
Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated  
Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.  
Specimen acceptability: Store sera at 2-8ºC. Freeze sera at -20ºC if not tested within 24 hours.  
Specimen rejection: Samples received beyond specimen acceptability period  
Freeze/Thaw: 1 cycle  
Methodology: Multiplex Flow Immunoassay  
Specimen referral: None
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>GLUCOSE BODY FLUID</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>912905</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>MISC</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>912905</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>912905</td>
</tr>
<tr>
<td>CPL:</td>
<td>2102</td>
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<td>ZCPL:</td>
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<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - Body fluid collection tube

**Specimen Processing:**
1 mL body fluid. Refrigerate.

**Volume**
1 mL body fluid

**Conditions for specimen transportation:**
- Refrigerated

**Specimen Acceptability:**
- 1 day room temperature; 5 days refrigerated; 1 month frozen

**Methodology:**
- Olympus AU600 quantitative procedure or other automated chemistry procedure

**Specimen Referral:**
- Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: CULTURE ANTHRAX (NASAL)</th>
<th>ABBREVIATION: 912912</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIMEN TYPE: SWAB</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<td>CPT CODE(S): 912912</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
<td></td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL SWAB (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 912912</td>
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</tr>
<tr>
<td>CPL: 6034</td>
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<td>ZCPL: 6034</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
<td></td>
</tr>
<tr>
<td>NOTES:</td>
<td></td>
</tr>
<tr>
<td>Specimen Collection:</td>
<td>Culture swab with transport media</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>Dual culture swab with transport media. Room temperature.</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Room temperature</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>2 days</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Standard culture technique</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Will reject due to contamination, dry swabs, swabs not submitted in transport media, expired transport media, viral transport media will reject frozen samples</td>
</tr>
<tr>
<td>NAME:</td>
<td>N-METHYLHISTAMINE</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ABBREVIATION:</td>
<td>912930</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Urine</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>912930</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL 24HR UR (1), CPL 24U ALQ (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>912930</td>
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<tr>
<td>CPL:</td>
<td>5969</td>
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<td>ZCPL:</td>
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<td>VALID ICD-9 CODES:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Urine collection container</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>6 mL aliquot from a 24 hour urine collection. Sample must be refrigerated during collection. Record total volume. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
<td>5 mL urine</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>2 days room temperature; 8 days refrigerated; 2 weeks frozen</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Liquid chromatography-tandem mass spectrometry (LC-MS/MS)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

Specimen Collection:
Urine collection container

Specimen Processing:
6 mL aliquot from a 24 hour urine collection. Sample must be refrigerated during collection. Record total volume. Refrigerate.

Volume
5 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 8 days refrigerated; 2 weeks frozen

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>Name: Ultrasensitive TSH</th>
<th>Abbreviation: 912989</th>
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<tbody>
<tr>
<td>Specimen Type: Serum</td>
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<tr>
<td>Storage Temp: Refrig</td>
<td></td>
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<tr>
<td>CPT Code(s): 912989</td>
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</tr>
<tr>
<td>Instrument/LOC: CPL</td>
<td></td>
</tr>
<tr>
<td>Tube/Container: CPL SST Gold (1)</td>
<td></td>
</tr>
<tr>
<td>Tests: No tests in this specimen</td>
<td></td>
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<tr>
<td>ASTM/HL7/SDF 1: 912989</td>
<td></td>
</tr>
<tr>
<td>CPL: 4274</td>
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<tr>
<td>ZCPL: 4274</td>
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</tr>
<tr>
<td>Valid ICD-9 Codes: Yes</td>
<td></td>
</tr>
<tr>
<td>Valid ICD-10 Codes: No</td>
<td></td>
</tr>
<tr>
<td>Notes: Preferred Specimen: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate. Container Type: Serum separator tube Volume: 0.5 mL serum Transport Temperature: Refrigerated Specimen Stability: 5 days refrigerated; 1 month frozen Methodology: Immulite 2000 quantitative method low end sensitivity is 0.002 UIU/mL.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name: Catecholamines Random Urine</th>
<th>Abbreviation: 912993</th>
</tr>
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<tbody>
<tr>
<td>Specimen Type: Urine</td>
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<tr>
<td>Storage Temp: Refrig</td>
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<td>CPT Code(s): 912993</td>
<td></td>
</tr>
<tr>
<td>Instrument/LOC: CPL</td>
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<tr>
<td>Tube/Container: C4327 RND UR (1)</td>
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</tr>
<tr>
<td>Tests: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 912993</td>
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<td>CPL: 4843</td>
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<tr>
<td>Valid ICD-9 Codes: No</td>
<td></td>
</tr>
<tr>
<td>Valid ICD-10 Codes: No</td>
<td></td>
</tr>
</tbody>
</table>
AMYLASE 24HR URINE
ABBREVIATION: 913001
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 913001
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C2029 24HR ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 913001
CPL: 2029
ZCPL: 2029
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
4 mL aliquot from a well-mixed 24 hour or timed urine collection with no preservative. Specimen must be refrigerated during collection. Record total volume and duration of collection. Refrigerate.

Volume
0.5 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 10 days refrigerated; 3 weeks frozen

Specimen Rejection:
Urine collected in preservatives

Methodology:
Quantitative enzymatic

Specimen Referral:
Clinical Pathology Laboratories
NAME: CYSTINE; 24 HR URINE QNT
ABBREVIATION: 913002
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 913002
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24U ALQ (1)
TESTS: No tests in this specimen
INFORMATION: A COMPLETED HISTORY FORM MUST ACCOMPANY SAMPLE.
ASTM/HL7/SDF 1: 913002
CPL: 4342
ZCPL: 4342
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total
volume. Transfer 10 mL from a well-mixed 24 hr collection
to a plastic aliquot tube. Freeze. Critical frozen (CFZ).
A completed history form must accompany sample (include
patient age, gender, diet, drug therapy and family history).
When multiple tests are ordered, submit separate sample for
this test.

Volume
3 mL urine

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
Unacceptable room temperature; unacceptable refrigerated; 1 month frozen

Specimen Rejection:
Room temperature samples
refrigerated samples

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: CENTROMERE B AB</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 913020</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S): 913020</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: BIOPLEX</td>
</tr>
<tr>
<td>TUBE/CONTAINER: SST TIGER (1)</td>
</tr>
<tr>
<td>TESTS: ANTI-CENTROMERE B</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 913020</td>
</tr>
<tr>
<td>CPL: 4630</td>
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<tr>
<td>ZCPL: 4630</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: None</td>
</tr>
</tbody>
</table>

Test includes: Centromere B AB

Specimen collection: Gold top (SST)

Specimen storage and preservation: After testing, 1 week refrigerated

Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated

Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.

Specimen acceptability: Store sera at 2-8ºC. Freeze sera at -20ºC if not tested within 24 hours.

Specimen rejection: Samples received beyond specimen acceptability period

Freeze/Thaw: 1 cycle

Methodology: Multiplex Flow Immunoassay

Specimen referral: None
ORDER CHOICE INFORMATION

NAME: TAY SACHS DNA ENZYME
ABBREVIATION: 913024
SPECIMEN TYPE: ACD-A WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 913024
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4998 ACD YEL1 (1), C4998 ADC YEL2 (1)
TESTS: No tests in this specimen
INFORMATION: DRAW 2 ACD TUBES. COMPLETED HISTORY FORM REQUIRED.
ASTM/HL7/SDF 1: 913024
CPL: 4998
ZCPL: 4998
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
ACD (yellow top - solution a) tube
Specimen Processing:
20 mL ACD (yellow top - solution a) collected in two tubes.
Samples must be submitted in original collection tubes.
Room temperature. A completed history form must accompany samples.
Volume
20 mL whole blood
Conditions for specimen transportation:
Room temperature
Specimen Acceptability:
3 days room temperature;
Specimen Rejection:
Gross hemolysis
Methodology:
Polymerase chain reaction (PCR); enzyme assay
Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: PHOSPHATIDYL SERINE AB</th>
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<tbody>
<tr>
<td>ABBREVIATION: 913027</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 913027</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: C4689 SST (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 913027</td>
</tr>
<tr>
<td>CPL: 4689</td>
</tr>
<tr>
<td>ZCPL: 4689</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
</tr>
</tbody>
</table>

Specimen Processing:
- 0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
- 1 mL serum

Conditions for specimen transportation:
- Refrigerated

Specimen Acceptability:
- 3 days refrigerated; 1 month frozen

Specimen Rejection:
- Will reject contaminated samples
- Will reject heat-inactivated samples
- Avoid repeated freeze/thaw cycles
- Will reject due to hemolysis
- Will reject due to lipemia

Methodology:
- Enzyme-linked immunosorbant assay (ELISA)

Specimen Referral:
- Clinical Pathology Laboratories
Order Choice Information

NAME: PAS SCHIFF STAIN
ABBREVIATION: 913080
SPECIMEN TYPE: MISC
STORAGE TEMP: RM TEMP
SPECIMEN TYPE: AP Surgical
CPT CODE(S): 913080
INSTRUMENT/LOC: PATH ML
TUBE/CONTAINER: CUP (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 913080
CPL: 8716
LABCORP: 500918
ZCPL: 8716
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
FUNGUS STAIN FOR PAS

SPECIMEN: Nail
CONTAINER: 10 % formalin container
COLLECTION: Nail scraping should be placed in 10 % formalin filled container. Specify the source of the specimen and include and pertinent clinical information.

STORAGE INSTRUCTION: Maintain specimen at room temperature.

CAUSE FOR REJECTION: Unlabeled specimen or name discrepancy between specimen and request label

USE: Determine the presence of absence of fungal forms in clinical specimens submitted for direct microscopic exam

NAME: Ds DNA BY CRITHIDIA TITERZ
ABBREVIATION: 913101
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 913101
INSTRUMENT/LOC: MAIN LAB
TUBE/CONTAINER: IMM TIGER TOP (1), FWD LABEL PHD (1)
TESTS: Ds DNA Titer
ASTM/HL7/SDF 1: 913101
CPL: 4506
ZCPL: 4506
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME: GC DNA PCR URINE</th>
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<tbody>
<tr>
<td>ABBREVIATION: 913133</td>
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<tr>
<td>SPECIMEN TYPE: URINE</td>
</tr>
<tr>
<td>CPT CODE(S): 913133</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL URINE (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 913133</td>
</tr>
<tr>
<td>CPL: 5397</td>
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<tr>
<td>ZCPL: 5397</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Aptima combo 2 assay transport tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>First 10-15 mL voided urine. The patient must not have urinated for the last 1 hour. Transfer 2 mL urine to aptima collection tube within 24 hours of collection.</td>
</tr>
<tr>
<td>Room temperature. Male or female samples accepted.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>2 mL urine</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Room temperature</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>Unpreserved urine: 1 day room temperature; 1 day refrigerated urine in aptima transport tube: 1 month room temperature; 1 month refrigerated</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Transcription mediated amplification (TMA)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
### Order Choice Information

**NAME:** ENDOMYSIAL AB W/REFLEX TITER  
**ABBREVIATION:** 913137  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 913137  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 913137  
**CPL:** 4721  
**ZCPL:** 4721  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.  
**Volume**  
1 mL serum  
**Conditions for specimen transportation:**  
Frozen  
**Specimen Acceptability:**  
Unacceptable room temperature;  
**Specimen Rejection:**  
Hemolysis  
**Methodology:**  
IFA  
**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: PM-SCL ANTIBODY  
ABBREVIATION: 913138  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 913138  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 913138  
CPL: 4498  
ZCPL: 4498  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
Enter specimen details here  
Volume  
1 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
2 days room temperature; 2 weeks refrigerated; 2 months frozen  
Methodology:  
Enzyme-linked immunosorbent assay (ELISA)  
Specimen Referral:  
Clinical Pathology Laboratories
**NAME:** KLEIHAUER ACID ELUTION  
**ABBREVIATION:** 913139  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 913139  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 913139  
**CPL:** 3846  
**ZCPL:** 3846  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
EDTA (lavender top) tube  
Specimen Processing:  
5 mL EDTA whole blood. Room temperature.  
Volume  
2 mL whole blood  
Conditions for specimen transportation:  
Room temperature  
Specimen Acceptability:  
1 day room temperature  
Methodology:  
Manual staining of peripheral smears  
Specimen Referral:  
Clinical Pathology Laboratories
NAME: OVA AND PARASITES XI
ABBREVIATION: 913207
SPECIMEN TYPE: STOOL
STORAGE TEMP: RM TEMP
CPT CODE(S): 913207
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL OPX1 (2)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 913207
CPL: 7025
ZCPL: 7025
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
O and p preservative formalin container and
Specimen Processing:
Stool submitted in formalin and pva preservative.
Room temperature. Code appropriate for 1Z3 sets.
For urine specimens, please order CPL code 7004 - parasite
exam, urine.

Volume
2 mL stool

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
1 month for preserved samples

Specimen Rejection:
Frozen stool

Methodology:
Formalin-ethyl acetate concentration

Specimen Referral:
Clinical Pathology Laboratories
NAME: OVA AND PARASITES X2
ABBREVIATION: 913208
SPECIMEN TYPE: STOOL
STORAGE TEMP: RM TEMP
CPT CODE(S): 913208
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL OPX1 (2), CPL OPX2 (2)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 913208
CPL: 7000
ZCPL: 7000
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Collection:
O and p preservative formalin container and

Specimen Processing:
Stool submitted in formalin and pva preservative.
Room temperature. Code appropriate for 1-3 sets.
For urine specimens, please order CPL code 7004 - parasite
exam, urine.

Volume
2 mL stool

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
1 month for preserved samples

Specimen Rejection:
Frozen stool

Methodology:
Formalin-ethyl acetate concentration

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: TSH W/REFLEX FT4
ABBREVIATION: 913247
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 913247
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: TSH
ASTM/HL7/SDF 1: 913247
CPL: 2834
ZCPL: 2834
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Gross Hemolysis, Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: LEGIONELLA AG URINE</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION: 913275</td>
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<tr>
<td>SPECIMEN TYPE: Urine</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 913275</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: C4614 RND UR (1), C4614 RU REF1 (1), C4614 RU REF2 (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 913275</td>
</tr>
<tr>
<td>CPL: 4614</td>
</tr>
<tr>
<td>ZCPL: 4614</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Urine collection container</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>10 mL random urine. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>2 mL urine</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>1 day room temperature; 2 weeks refrigerated; indefinitely frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Samples collected in preservative</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Enzyme immunoassay (eia)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: N-TELOPEPTIDE 2ND MORNING
ABBREVIATION: 913322
SPECIMEN TYPE: 2NDMU
STORAGE TEMP: CR FZN
CPT CODE(S): 913322
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL RU CUP (1)
TESTS: No tests in this specimen
INFORMATION: COLLECT SECOND MORNING RANDOM URINE, FREEZE.
If 24 HR urine submitted See Code 911130

ASTM/HL7/SDF 1: 913322
CPL: 4829
ZCPL: 4829
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
2 mL second morning urine. Freeze. When multiple tests are
ordered, submit separate sample for this test.

Volume
0.5 mL urine

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
1 day room temperature; 1 week refrigerated; 2 years frozen

Specimen Rejection:
Bloody samples

Methodology:
Chemiluminescence

Specimen Referral:
Clinical Pathology Laboratories

NAME: FINGERSTICK PT/INR
ABBREVIATION: 913335
SPECIMEN TYPE: CAPILLARY WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 913335
INSTRUMENT/LOC: COAGUCHEK
TESTS: PROTHROMBIN TIME, INR, PROTHROMBIN TIME, INR, Therapeutic
ASTM/HL7/SDF 1: 913335
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NAME: MERCURY BLOOD
ABBREVIATION: 913336
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 913336
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL EDTA RBLUE (1)
TESTS: No tests in this specimen
INFORMATION: DIET, MEDICATION, AND NUTRITIONAL SUPPLEMENTS MAY INTRODUCE INTERFERING
SUBSTANCES. PATIENTS SHOULD BE ENCOURAGED TO DISCONTINUE NUTRITIONAL SUPPLEMENTS, VITAMINS,
MINERALS, AND NON-ESSENTIAL OVER-THE-COUNTER MEDICATIONS (UPON THE ADVICE OF THEIR PHYSICIAN)
AND AVOID SHELLFISH AND SEAFOOD FOR 48-72 HOURS PRIOR TO COLLECTION.

ASTM/HL7/SDF 1: 913336
CPL: 4245
ZCPL: 4245
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NOTES:
Specimen Collection:
EDTA (royal blue top) trace metal-free tube

Specimen Processing:
1 mL whole blood in a royal blue trace metal-free tube with
EDTA. Refrigerate.
Diet, medication, and nutritional supplements may introduce
interfering substances. Patients should be encouraged to
avoid shellfish and seafood for 48-72 hours and discontinue
nutritional supplements, vitamins, minerals, and
non-essential over-the-counter medications (upon the advice
of their physician) for 1 week prior to collection.
Avoid exposure to contrast media for 96 hours prior to
collection.

Volume
0.4 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week room temperature; 12 days refrigerated; unacceptable frozen

Specimen Rejection:
Clotted samples
frozen samples
samples collected in heparin trace metal-free tube

Methodology:
Inductively coupled plasma/mass spectrometry (ICP-MS)

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>BRAIN NATRIURETIC PEPTIDE (CPL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>913342</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>EDTA WB</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>913342</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>C5585 LAV (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>913342</td>
</tr>
<tr>
<td>CPL:</td>
<td>5585</td>
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<tr>
<td>ZCPL:</td>
<td>5585</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>Yes</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: EDTA (lavender top) tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 2 ML EDTA WHOLE BLOOD IN UNOPENED PLASTIC TUBE. DO NOT USE GLASS TUBE. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST. REFRIGERATE. NOTE: BNP IS NOT A SUITABLE BIOMARKER FOR PATIENTS TREATED WITH NEPRILYSIN INHIBITORS OR COMBINED NEPRILYSIN/ANGIOTENSIN INHIBITORS, INCLUDING ENTRESTO.</td>
</tr>
<tr>
<td></td>
<td>Volume 0.5 mL whole blood</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Refrigerated for whole blood; frozen for plasma</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: 1 day refrigerated whole blood or plasma; 9 months frozen plasma</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Hemolysis samples submitted in glass tubes</td>
</tr>
<tr>
<td></td>
<td>Methodology: Siemens Centaur chemiluminescent immunoassay</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>C4</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>913358</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>CPT CODE(S):</td>
<td>913358</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>DXC</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>C4</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>913358</td>
</tr>
<tr>
<td>CPL:</td>
<td>3585</td>
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<tr>
<td>ZCPL:</td>
<td>3585</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Patient Preparation: Fasting specimen preferred</td>
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<tr>
<td>Specimen Collection:</td>
<td>SST Serum</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
</tr>
<tr>
<td>Specimen Storage and Preservation:</td>
<td>Room Temperature (15 to 30°C) 6 hours</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 to 8°C) 24 hours</td>
</tr>
<tr>
<td></td>
<td>Frozen Aliquot (-20°C) 7 days</td>
</tr>
<tr>
<td>Conditions for Specimen Transportation:</td>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>SST - SERUM only</td>
</tr>
<tr>
<td>Freeze Thaw Cycle:</td>
<td>1 cycle</td>
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<tr>
<td>Specimen Rejection:</td>
<td>Gross Lipemia, Improper Container or Labeling</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Immunoturbidimetric</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>None</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: C3
ABBREVIATION: 913359
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 913359
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: SST GOLD (1)
TESTS: C3
ASTM/HL7/SDF 1: 913359
CPL: 3580
ZCPL: 3580
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: Fasting specimen preferred
Specimen Collection: SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 6 hours
Refrigerated (2 to 8°C) 24 hours
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM only
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Lipemia, Improper Container or Labeling
Methodology: Immunoturbidimetric
Specimen Referral: None
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>HLA TYPING ABC ANTIGEN</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>913385</td>
</tr>
<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>EDTA WB</td>
</tr>
<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>RM TEMP</td>
</tr>
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<td><strong>CPT CODE(S):</strong></td>
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<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
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<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>CPL LAV (1)</td>
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<tr>
<td><strong>TESTS:</strong></td>
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<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>913385</td>
</tr>
<tr>
<td><strong>CPL:</strong></td>
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<td><strong>ZCPL:</strong></td>
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<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
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<tr>
<td><strong>NOTES:</strong></td>
<td>Specimen Collection: EDTA (lavender top) tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 5 mL EDTA whole blood. Room temperature. Note: this hla typing should not be used for transplantation. The level of resolution does not meet criteria for transplantation.</td>
</tr>
<tr>
<td></td>
<td>Volume 5 mL whole blood</td>
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<tr>
<td></td>
<td>Conditions for specimen transportation: Room temperature</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: 1 week room temperature; 1 week refrigerated;</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Samples not collected in EDTA</td>
</tr>
<tr>
<td></td>
<td>Methodology: Polymerase chain reaction (PCR) and</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: Clinical Pathology Labortories</td>
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### Order Choice Information

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<thead>
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<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL CUP (1)</td>
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<tr>
<td>TESTS:</td>
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</tr>
<tr>
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<tr>
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<tr>
<td>VALID ICD-9 CODES:</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Specimen collection container</td>
</tr>
</tbody>
</table>

#### Specimen Processing:
- 5 mL urine, 0.5 gm feces, 0.5 mL sputum, or 0.5 mL body fluid. Room temperature.
- For STAT orders, please contact your local CPL laboratory for local specimen requirements.

#### Volume
- 0.5 gm or 0.5 mL

#### Conditions for specimen transportation:
- Room temperature

#### Specimen Acceptability:
- 1 day room temperature

#### Methodology:
- Wright's stain smear examined microscopically

#### Specimen Referral:
- Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CORTROSYN STIM 1Hr</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>913393</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>913393</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>DXI</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>LT GRN (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>Cortisol Base, Cortisol 60 min</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>Arrange Cortrosyn injection with nurse before blood draws.</td>
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<td>ASTM/HL7/SDF:</td>
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<tr>
<td>CPL:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
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</tr>
<tr>
<td>NOTES:</td>
<td>None</td>
</tr>
</tbody>
</table>

**Patient Preparation:** None

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:**
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:**
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - SERUM

**Freeze Thaw Cycle:** 1 cycles

**Specimen Rejection:** Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None
Order Choice Information

NAME: CULTURE BACTERIAL THROAT
ABBREVIATION: 913397
SPECIMEN TYPE: SWAB
STORAGE TEMP: RM TEMP
CPT CODE(S): 913397
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CX (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 913397
CPL: 6046
ZCPL: 6046
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Dual culture swab in transport media

Specimen Processing:
Dual culture swab in transport media. Room temperature.

Volume
Single culture swab

Transport Temperature
Room temperature

Specimen Acceptability:
2 days room temperature

Specimen Rejection:
Will reject viral transport media, swabs collected more than
2 days prior to submission, dry swabs, non-sterile or
leaking containers, expired transport media, frozen
specimens, specimens in fixative (formalin), swabs not
submitted in transport media, or specimens submitted in
tissue paper

Methodology:
Standard culture methodology

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

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<thead>
<tr>
<th>NAME</th>
<th>SHIGA TOXINS E COLI</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION</td>
<td>913422</td>
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<tr>
<td>SPECIMEN TYPE</td>
<td>STOOL</td>
</tr>
<tr>
<td>STORAGE TEMP</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S)</td>
<td>913422</td>
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<tr>
<td>INSTRUMENT/LOC</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER</td>
<td>CPL STL CX (1)</td>
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<td>TESTS</td>
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<tr>
<td>INFORMATION</td>
<td>Collect Fresh Stool in Orange Cx Transport Media, Room Temp</td>
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<tr>
<td>VALID ICD-10 CODES</td>
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</tr>
<tr>
<td>NOTES</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Cary-blair transport media with indicator</td>
</tr>
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<td></td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>Fresh stool placed in fecal transport media (cary-blair).</td>
</tr>
<tr>
<td></td>
<td>Refrigerate.</td>
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<tr>
<td>Volume</td>
<td>1 gram stool</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>Fresh stool: &lt;1 day refrigerated stool preservative: 2 days refrigerated if testing cannot be performed within 48 hours, sample should be frozen at -20 degrees.</td>
</tr>
<tr>
<td>Specimen Rejection</td>
<td>Will reject samples submitted in para-pak containers</td>
</tr>
<tr>
<td>Methodology</td>
<td>Eia</td>
</tr>
<tr>
<td>Specimen Referral</td>
<td>Clinical Pathology Laboratories</td>
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<tr>
<td>NAME: COUMADIN (WARFARIN)</td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td></td>
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<tr>
<td>ABBREVIATION: 913423</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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</tr>
<tr>
<td>STORAGE TEMP: REFRIG</td>
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<td>CPT CODE(S): 913423</td>
<td></td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
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</tr>
<tr>
<td>TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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</tr>
<tr>
<td>INFORMATION: ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE WITHIN 2 HOURS OF COLLECTION. REFRIGERATE.</td>
<td></td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 913423</td>
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<tr>
<td>CPL: 4980</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
<td></td>
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<tr>
<td>NOTES: Specimen Collection:</td>
<td></td>
</tr>
<tr>
<td>Plain red top tube</td>
<td></td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td></td>
</tr>
<tr>
<td>3 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.</td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td></td>
</tr>
<tr>
<td>1.1 mL serum</td>
<td></td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td></td>
</tr>
<tr>
<td>Refrigerated</td>
<td></td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td></td>
</tr>
<tr>
<td>2 weeks room temperature; 2 weeks refrigerated; 2 weeks frozen</td>
<td></td>
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<tr>
<td>Specimen Rejection:</td>
<td></td>
</tr>
<tr>
<td>Gross hemolysis plasma</td>
<td></td>
</tr>
<tr>
<td>Methodology:</td>
<td></td>
</tr>
<tr>
<td>High performance liquid chromatography (hplc)</td>
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<td>Specimen Referral:</td>
<td></td>
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<td>Clinical Pathology Laboratories</td>
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### Order Choice Information

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<td>SPECIMEN TYPE:</td>
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<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<td>CPT CODE(S):</td>
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<td>SST GOLD (1)</td>
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<td>TESTS:</td>
<td>IGM</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>CPL:</td>
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<td>ZCPL:</td>
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<td>VALID ICD-9 CODES:</td>
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<td>NOTES:</td>
<td>None</td>
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<tr>
<td>Patient Preparation:</td>
<td>None</td>
</tr>
<tr>
<td>Specimen Collection:</td>
<td>SST Serum</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
</tr>
<tr>
<td>Specimen Storage and Preservation:</td>
<td>Room Temperature (15 to 30°C) 8 hours</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 to 8°C) 2 days</td>
</tr>
<tr>
<td></td>
<td>Frozen Aliquot (-20°C) Not recommended</td>
</tr>
<tr>
<td>Conditions for Specimen Transportation:</td>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>SST - SERUM only</td>
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<tr>
<td>Freeze Thaw Cycle:</td>
<td>N/A</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Gross Lipemia, Improper Container or Labeling</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Immunoturbidimetric</td>
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<tr>
<td>Specimen Referral:</td>
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</table>
NAME: DISOPYRAMIDE (NORPACE)
ABBREVIATION: 913670
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 913670
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C3037 PLR (1), C3037A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 913670
CPL: 3037
ZCPL: 3037
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to
clot in an upright position for at least 60 minutes, then
centrifuge sample and transfer serum to a plastic transport
tube within 2 hours of collection. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Samples collected in serum separator tube

Methodology:
Enzyme multiplied immunoassay technique (emit)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong> HERPESELECT HSV 1 IGG</th>
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<tr>
<td><strong>ABBREVIATION:</strong> 913674</td>
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<tr>
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<td><strong>CPT CODE(S):</strong> 913674</td>
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<tr>
<td><strong>INSTRUMENT/LOC:</strong> CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong> CPL SST GOLD (1)</td>
</tr>
<tr>
<td><strong>TESTS:</strong> No tests in this specimen</td>
</tr>
<tr>
<td><strong>INFORMATION:</strong> Clot 30 min</td>
</tr>
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<td><strong>ASTM/HL7/SDF 1:</strong> 913674</td>
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<td><strong>CPL:</strong> 5340</td>
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<td><strong>NOTES:</strong></td>
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<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
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<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td><strong>Volume</strong></td>
</tr>
<tr>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>2 days room temperature; 7 days refrigerated; indefinite frozen (allow no more than 5 freeze/thaw cycles)</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Gross hemolysis</td>
</tr>
<tr>
<td>gross lipemia</td>
</tr>
<tr>
<td>heat-inactivated samples</td>
</tr>
<tr>
<td>samples with microbial contamination</td>
</tr>
<tr>
<td>samples with particulate matter</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Chemiluminescent immunoassay</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
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</table>
**NAME:** HISTOPLASMA AG URINE  
**ABBREVIATION:** 913701  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 913701  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL RU CUP (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 913701  
**CPL:** 4646  
**ZCPL:** 4646  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection  
Urine collection container  
Specimen Processing:  
2 mL random urine. Room temperature.  
Volume  
1 mL urine  
Conditions for specimen transportation:  
Room temperature  
Specimen Acceptability:  
3 days room temperature; 2 weeks refrigerated; indefinite frozen  
Specimen Rejection:  
Sputum  
tissue samples  
stool  
bone marrow submitted in transport media  
Methodology:  
Enzyme immunoassay (eia)  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: CULTURE CLOSTRIDIUM
ABBREVIATION: 913891
SPECIMEN TYPE: STOOL
STORAGE TEMP: REFRIG
CPT CODE(S): 913891
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CUP (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 913891
CPL: 6025
ZCPL: 6025
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Stool collection container

Specimen Processing:
Fresh, unpreserved stool sample. Refrigerate.

Volume
One teaspoon stool specimen

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day refrigerated

Specimen Rejection:
Will reject samples submitted in diapers, samples submitted
in fixative (formalin), frozen samples, culturette swabs,
viral transport media, leaking containers, or dry swabs

Methodology:
Anaerobic culture with alcohol pre-treatment

Specimen Referral:
Clinical Pathology Laboratories
<table>
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</thead>
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<tr>
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<td>CPT CODE(S): 914000</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL LAV1 (1), CPL LAV2 (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: 10 ml PI RED, DO NOT SPIN, Send Clotted Whole Blood, Room Temp.</td>
</tr>
<tr>
<td>Note: Specific Antigen for Typing.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 914000</td>
</tr>
<tr>
<td>CPL: 3813</td>
</tr>
<tr>
<td>ZCPL: 3813</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>

NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
10 mL clotted whole blood from a plain red top tube.
Room temperature.

Volume
5 mL whole blood

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
2 days room temperature

Methodology:
Manual tube agglutination

Specimen Rejection:
Hemolysis
samples submitted in serum separator tubes

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: RABIES ANTIBODY
ABBREVIATION: 914044
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 914044
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SRM FZN (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914044
CPL: 4597
ZCPL: 4597
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
3 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.
Volume
1 mL serum
Conditions for specimen transportation:
Frozen
Specimen Acceptability:
17 days refrigerated; 28 days frozen
Methodology:
Rapid fluorescent focus inhibition
Specimen Referral:
Clinical Pathology Laboratories

NAME: PHOSPHATE RANDOM UR
ABBREVIATION: 914054
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 914054
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL RU CUP (1)
TESTS: No tests in this specimen
INFORMATION: 20 ML RANDOM URINE.
ASTM/HL7/SDF 1: 914054
CPL: 5450
ZCPL: 5450
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NAME: SOLUBLE TRANSFERRIN REC
ABBREVIATION: 914063
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 914063
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4935 PLR (1), C4935A SRM FZN (1)
TESTS: No tests in this specimen
INFORMATION: PLRED, FREEZE SERUM.
ASTM/HL7/SDF 1: 914063
CPL: 4935
ZCPL: 4935
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube.
Refrigerate.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 3 days room temperature; 1 week refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
lipemia
icterus
contaminated samples
avoid repeated freeze/thaw cycles

Methodology:
Immunoturbidimetric

Methodology:
Immunoturbidimetric

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>METANEPHRINE PLASMA FREE</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>914200</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>EDTA PLASMA</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<td>CPT CODE(S):</td>
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</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>C5116 LAV (1), C5116A EDTAPL FZN (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>914200</td>
</tr>
<tr>
<td>CPL:</td>
<td>5116</td>
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<tr>
<td>ZCPL:</td>
<td>5116</td>
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<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**

Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
2 mL EDTA plasma. Centrifuge sample and separate plasma from cells within 1 hour of collection. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). It is recommended that the specimen be collected after the patient has rested in a supine position for 15 minutes. Drugs and medication may affect results and should be discontinued for at least 72 hours prior to collection, if possible. When multiple tests are ordered, submit separate tube for this test.

**Volume**
1 mL plasma

**Conditions for specimen transportation:**
Critical frozen (CFZ)

**Specimen Acceptability:**
Unacceptable room temperature; unacceptable refrigerated; 1 month frozen

**Specimen Rejection:**
Hemolysis
room temperature samples
refrigerated samples

**Methodology:**
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

**Specimen Referral:**
Clinical Pathology Laboratories
The Austin Diagnostic Clinic Laboratory
12221 North Mopac Expressway
AUSTIN, TX  78758

Order Choice Information

NAME: NOREPINEPHRINE (SUPINE)
ABBREVIATION: 914201
SPECIMEN TYPE: NAHEP PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 914201
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4211 DKGRN (1), C4211A PL FZN (1)
TESTS: No tests in this specimen
INFORMATION: PT SHOULD BE CALM AND IN SUPINE POSITION 30 MIN PRIOR TO DRAW. CHILL TUBE PRIOR TO COLLECTION. DKGRN, FREEZE PLASMA.
ASTM/HL7/SDF 1: 914201
CPL: 4211
ZCPL: 4211
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium or lithium heparin (green top) tube

Specimen Processing:
4 mL heparin plasma. Chill tubes prior to collection.
Patient should be calm and in supine position
30 minutes prior to collection. Centrifuge sample and separate plasma from cells within 1 hour of collection.
Transfer plasma to a plastic transport tube. Freeze.
Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
2.1 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: unacceptable room temperature; unacceptable refrigerated; 1 month frozen

Specimen Rejection:
Room temperature samples
refrigerated samples
EDTA plasma
serum
urine

Methodology:
High performance liquid chromatography (hplc)

Specimen Referral:
Clinical Pathology Laboratories

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**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>PLEURAL FLUID PROTEIN TOTAL</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>914202</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>FLUID</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>914202</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>914202</td>
</tr>
<tr>
<td>CPL:</td>
<td>2044</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>2044</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>
| NOTES: | Specimen Collection: 
Body fluid collection tube |
| Specimen Processing: | 
1 mL body fluid. Refrigerate. |
| Volume | 
1 mL body fluid |
| Conditions for specimen transportation: | 
Refrigerated |
| Specimen Acceptability: | 
1 day room temperature; 1 week refrigerated |
| Methodology: | 
Olympus AU600 quantitative method or other automated chemistry procedure |
| Specimen Referral: | 
Clinical Pathology Laboratories |
Order Choice Information

NAME: GABITRIL (TIAGABINE)
ABBREVIATION: 914209
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 914209
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4465 PLR (1), C4465A SRM (1)
TESTS: No tests in this specimen
INFORMATION: DRAW IMMEDIATELY BEFORE DOSE.
ASTM/HL7/SDF 1: 914209
CPL: 4465
ZCPL: 4465
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube
Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to
clot in an upright position for at least 20 minutes, then
centrifuge sample and transfer serum to a plastic transport
tube immediately. Refrigerate.
Sample should be collected immediately prior to dose.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 30 days room temperature; 30 days refrigerated; 48 months frozen

Methodology:
High performance liquid chromatography/tandem mass spectrometry (LC-MS/MS)

Specimen Rejection:
Samples collected in serum separator tube

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

- **NAME:** PSA ULTRASENSITIVE
- **ABBREVIATION:** 914214
- **SPECIMEN TYPE:** Serum
- **STORAGE TEMP:** RM TEMP
- **CPT CODE(S):** 914214
- **INSTRUMENT/LOC:** DXI
- **TUBE/CONTAINER:** SST GOLD (1)
- **TESTS:** Ultra Sensitive PSA
- **INFORMATION:** IF SPECIMEN IS SENT CPL, FREEZE SERUM.
- **ASTM/HL7/SDF 1:** 914214
- **CPL:** 2611
- **ZCPL:** 2611
- **VALID ICD-9 CODES:** No
- **VALID ICD-10 CODES:** No
- **NOTES:**
  - **Patient Preparation:** None
  - **Specimen Collection:** SST Serum only
  - **Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
  - **Specimen Storage and Preservation:**
    - Room Temperature (15 to 30°C) 3 hours
    - Refrigerated (2 to 8°C) 24 hours
    - Frozen Aliquot (-20°C) 7 days
  - **Conditions for Specimen Transportation:**
    - Room Temperature (15 to 30°C) if shipping within 3 hours of collection.
    - Refrigerated (2 to 8°C) if shipping after 3 hours of collection.
  - **Specimen Acceptability:** SST - SERUM
  - **Freeze Thaw Cycle:** 2 cycles
  - **Specimen Rejection:** Gross Hemolysis, Improper Container or Labeling
  - **Methodology:** Chemiluminescence Immunoassay
  - **Specimen Referral:** None
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>MARIJUANA METABOLITES</th>
</tr>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>914223</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Urine</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>914223</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL RU CUP (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>914223</td>
</tr>
<tr>
<td>CPL:</td>
<td>5911</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Urine collection container</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>50 mL random urine. Room temperature.</td>
</tr>
<tr>
<td></td>
<td>Volume</td>
</tr>
<tr>
<td></td>
<td>30 mL urine</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td></td>
<td>Room temperature</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td></td>
<td>3 days room temperature; 1 week refrigerated; 1 year frozen</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Gas chromatography/mass spectrometry (gcms)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: H PYLORI AB IGG
ABBREVIATION: 914438
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 914438
INSTRUMENT/LOC: SEROLOGY
TUBE/CONTAINER: SERO SST (1)
TESTS: H. Pylori IGG, H. Pylori IGG PROC.
INFORMATION: REFRIGERATE IF SENT TO CPL!
ASTM/HL7/SDF 1: 914438
CPL: 4565
ZCPL: 4565
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: N/A

Specimen collection: SST Serum, or Red Top Tube

Specimen processing: Allow SST and Red top tubes to clot in an upright position at room temperature for at least 30 minutes, then centrifuge sample. Separate serum from red top tubes.

Specimen storage and preservation:
Room Temperature (15 - 30°C) N/A
Refrigerated (2 - 8°C) 72 hours
Frozen (-20°C) 12 months

Conditions for specimen transportation: Refrigerated.

Specimen acceptability: Serum, SST Serum (clean, non-hemolyzed)

Specimen rejection: Gross Hemolysis; improper labeling

Freeze/Thaw: 1 cycle

Methodology: Qualitative Immunoassay

Specimen referral: N/A
Order Choice Information

NAME: EBV QNT PCR, WHOLE BLOOD
ABBREVIATION: 914439
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 914439
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL WB LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914439
CPL: 5405
ZCPL: 5405
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
1 mL EDTA (lavender top) whole blood. Refrigerate.
Specimen source is required.

Volume
0.5 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 5 days refrigerated; unacceptable frozen

Specimen Rejection:
Plasma
heparin whole blood
frozen samples

Methodology:
Polymerase chain reaction (PCR)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: BK VIRUS QNT PCR, BLOOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 914441</td>
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<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
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<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 914441</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL WB LAV (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 914441</td>
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<tr>
<td>CPL: 5661</td>
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<tr>
<td>ZCPL: 5661</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>EDTA (lavender top) tube</td>
</tr>
</tbody>
</table>

Specimen Processing:
1 mL EDTA whole blood. Refrigerate. Specimen source is required. Do not freeze whole blood.

Volume
0.5 mL whole blood, serum or plasma

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 3 days refrigerated; 1 month frozen (do not freeze whole blood)

Specimen Rejection:
Heparin samples
frozen whole blood

Methodology:
Real-time polymerase chain reaction (RT-PCR)

Specimen Referral:
Clinical Pathology Laboratories

<table>
<thead>
<tr>
<th>NAME: FACTOR V INHIBITOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 914442</td>
</tr>
<tr>
<td>SPECIMEN TYPE: CITR PL</td>
</tr>
<tr>
<td>STORAGE TEMP: CR FZN</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CFVINH ALQ1 (1), CFVINH ALQ2 (1), CFVINH ALQ3 (1), CFVINH LTBL1 (1), CFVINH LTBL2 (1), CFVINH LTBL3 (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 914442</td>
</tr>
<tr>
<td>CPL: 600 ESOTERIC</td>
</tr>
<tr>
<td>ZCPL: 600 ESOTERIC</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
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## Order Choice Information

<table>
<thead>
<tr>
<th>NAME: ARAVA (LEFUNOMIDE METABOLITE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 914445</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 914445</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE IMMEDIATELY. SPECIMEN SHOULD BE OBTAINED 12-24 HOURS AFTER LAST DOSE.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 914445</td>
</tr>
<tr>
<td>CPL: 5701</td>
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<tr>
<td>ZCPL: 5701</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Plain red top tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate. Specimen should be obtained 12-24 hours after last dose.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>0.3 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>After separation from cells: 7 days room temperature; 17 days refrigerated; 90 days frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Samples collected in serum separator tube whole blood potassium oxalate plasma</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Liquid chromatography-tandem mass spectrometry (LC-MS/MS)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
**Order Choice Information**

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<thead>
<tr>
<th>FIELD</th>
<th>VALUE</th>
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<tbody>
<tr>
<td>NAME</td>
<td>BK VIRUS QNT PCR, URINE</td>
</tr>
<tr>
<td>ABBREVIATION</td>
<td>914447</td>
</tr>
<tr>
<td>SPECIMEN TYPE</td>
<td>Urine</td>
</tr>
<tr>
<td>STORAGE TEMP</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S)</td>
<td>914447</td>
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<tr>
<td>INSTRUMENT/LOC</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER</td>
<td>CPL RU CUP (1)</td>
</tr>
<tr>
<td>TESTS</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1</td>
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</tr>
<tr>
<td>CPL</td>
<td>5662</td>
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<tr>
<td>ZCPL</td>
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</tr>
<tr>
<td>VALID ICD-9 CODES</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES</td>
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<tr>
<td>NOTES</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Sterile urine collection container</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL urine in a sterile collection container. Freeze. When multiple tests are ordered, submit separate sample for this test. Specimen source is required.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.5 mL urine</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>1 day room temperature; 5 days refrigerated; 1 month frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Plasma</td>
</tr>
<tr>
<td></td>
<td>serum</td>
</tr>
<tr>
<td></td>
<td>whole blood</td>
</tr>
<tr>
<td>Methodology</td>
<td>Real-time polymerase chain reaction (RT-PCR)</td>
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<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

Printed on: January 29, 2016 3:28 PM
Page: 761
### NAME: MITOCHONDRIA M2 AB EIA
### ABBREVIATION: 914449
### SPECIMEN TYPE: Serum
### STORAGE TEMP: REFRIG
### CPT CODE(S): 914449
### INSTRUMENT/LOC: CPL
### TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
### TESTS: No tests in this specimen
### ASTM/HL7/SDF 1: 914449
### CPL: 4634
### ZCPL: 4634
### VALID ICD-9 CODES: No
### VALID ICD-10 CODES: No
### NOTES:
- Specimen Collection:
  - Serum separator tube
- Specimen Processing:
  - 0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.
- Volume:
  - 0.5 mL serum
- Conditions for specimen transportation:
  - Refrigerated
- Specimen Acceptability:
  - 8 hours room temperature; 2 days refrigerated; 1 month frozen
- Methodology:
  - Semi-quantitative enzyme linked immunosorbent assay (ELISA)
- Specimen Rejection:
  - Gross hemolysis
  - Gross lipemia
  - Gross icterus
  - Heat-inactivated samples
  - Samples with visible particulate matter
  - Samples with microbial contamination
  - Plasma
  - Avoid repeated freeze/thaw cycles
- Specimen Referral:
  - Clinical Pathology Laboratories
NAME: SOLUBLE LIVER AG
ABBREVIATION: 914461
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 914461
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914461
CPL: 5558
ZCPL: 5558
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
contaminated samples
heat-inactivated samples

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** BETA 2 GLYCOPEPTIDE IGA  
**ABBREVIATION:** 914540  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 914540  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5425 SST (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 914540  
**CPL:** 5425  
**ZCPL:** 5425  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  

Volume  
0.3 mL serum  

Conditions for specimen transportation:  
Refrigerated  

Specimen Acceptability:  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  

Specimen Rejection:  
Hemolysis  
gross lipemia  
gross icterus  
contaminated samples  
plasma  
body fluid  
avoid repeated freeze/thaw cycles  

Methodology:  
Enzyme-linked immunosorbent assay (ELISA)  

Specimen Referral:  
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** HEPARIN ANTI-XA LMW  
**ABBREVIATION:** 914541  
**SPECIMEN TYPE:** CITR PL  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 914541  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5407 LTBL (1), C5407A PL FZN (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 914541  
**CPL:** 5407  
**LABCORP:** 117101  
**ZCPL:** 5407  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Citrate (light blue top) tube  

Specimen Processing:  
2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ).  
Record type of heparin therapy on requisition.  
When multiple tests are ordered, submit separate tube for this test.  

**Volume**  
1.5 mL plasma  

**Conditions for specimen transportation:**  
Critical frozen (CFZ)  

**Specimen Acceptability:**  
4 hours room temperature; 8 hours refrigerated; 2 weeks frozen  

**Specimen Rejection:**  
Hemolysis  
sodium  
EDTA, oxalate, or heparin plasma  

**Methodology:**  
Chromagenic/inhibition of xa  

**Specimen Processing:**  
Clinical Pathology Laboratories
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<th>NAME</th>
<th>ABBREVIATION</th>
<th>SPECIMEN TYPE</th>
<th>STORAGE TEMP</th>
<th>CPT CODE(S)</th>
<th>INSTRUMENT/LOC</th>
<th>TUBE/CONTAINER</th>
<th>TESTS</th>
<th>ASTM/HL7/SDF</th>
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<td>914542</td>
<td>CITR PL</td>
<td>CR FZN</td>
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<td>PHOSPHATIDYLCHOLINE G,M,A</td>
<td>914543</td>
<td>Serum</td>
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**NAME:** PHOSPHATIDYLETHANOL AMINE G,M,  
**ABBREVIATION:** 914544  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 914544  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5593 SST (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 914544  
**CPL:** 5593  
**ZCPL:** 5593  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
Volume  
0.3 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  
Specimen Rejection:  
Hemolysis  
lipemia  
icterus  
contaminated samples  
heat-inactivated samples  
plasma  
body fluid  
Methodology:  
Enzyme-linked immunosorbent assay (ELISA)  
Specimen Referral:  
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** PHOSPHATIDYLINOSITOL G,M,A  
**ABBREVIATION:** 914545  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 914545  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5594 SST (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 914545  
**CPL:** 5594  
**ZCPL:** 5594  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

**NAME:** CLOZARIL (CLOZAPINE)  
**ABBREVIATION:** 914573  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 914573  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5825 PLR (1), C5825A SRM (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 914573  
**CPL:** 5825  
**ZCPL:** 5825  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

**NOTES:**  
Specimen Collection:  
Plain red top tube  
Specimen Processing:  
0.5 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.  
Volume  
0.2 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
3 days room temperature; 8 days refrigerated; 1 month frozen  
Specimen Rejection:  
Gross hemolysis  
samples collected in serum separator tube  
Methodology:  
Liquid chromatography/tandem mass spectrometry (LC-MS/MS)  
Specimen Referral:  
Clinical Pathology Laboratories

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**The Austin Diagnostic Clinic Laboratory**  
12221 North Mopac Expressway  
AUSTIN, TX 78758
Order Choice Information

(NAME: ALDOSTERONE RANDOM URINE
ABBREVIATION: 914577
SPECIMEN TYPE: Urine
STORAGE TEMP: CR FZN
CPT CODE(S): 914577
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL RU CUP (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914577
CPL: 4314
ZCPL: 4314
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total
volume. Transfer 10 mL from a well-mixed 24 hour collection
to a plastic transport tube. Freeze.
Critical frozen (CFZ). When multiple tests are ordered,
submit separate tube for this test.

Volume
1 mL urine

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
4 hours room temperature; unacceptable refrigerated; 1 month frozen

Methodology:
Chemiluminescent immunoassay (clia)

Specimen Rejection:
Room temperature samples
refrigerated samples

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** HEMOGLOBIN A1C TURBIMETRIC INH

**ABBREVIATION:** 914578

**SPECIMEN TYPE:** EDTA WB

**STORAGE TEMP:** REFRIG

**CPT CODE(S):** 914578

**INSTRUMENT/LOC:** CPL

**TUBE/CONTAINER:** CPL LAV (1)

**TESTS:** No tests in this specimen

**ASTM/HL7/SDF 1:** 914578

**CPL:** 4803

**ZCPL:** 4803

**VALID ICD-9 CODES:** No

**VALID ICD-10 CODES:** No

**NOTES:**

Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Critical refrigerate (CRF).

Volume
1 mL whole blood

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
1 day room temperature; 1 week refrigerated; unacceptable frozen

Methodology:
High performance liquid chromatography (hplc)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: AC BORDETELLA IGG</th>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 914613</td>
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<td>CPL: 4345</td>
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<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
</tr>
</tbody>
</table>

**Specimen Processing:**
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label samples as acute or convalescent.

**Volume**
1 mL

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
After separation from cells:

**Specimen Rejection:**
Hemolysis

**Methodology:**
Semi-quantitative enzyme-linked immunosorbent

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: BORDETELLA IGM
ABBREVIATION: 914614
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 914614
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914614
CPL: 4349
ZCPL: 4349
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.
Volume
1 mL serum
Conditions for specimen transportation:
Refrigerated
Methodology:
Enzyme-linked immunosorbent assay (ELISA)
Specimen Rejection:
Lipemia
Methodology:
Enzyme-linked immunosorbent assay (ELISA)
Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

**NAME:** OXCARBAZEPINE METABOLITE  
**ABBREVIATION:** 914624  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 80299  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL PLAIN RED (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 914624  
**CPL:** 5259  
**ZCPL:** 5259  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Plain red top tube  
Specimen Processing:  
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.  
Note: Ideal sampling time for all antiepileptic drugs is immediately before the next oral dose (trough). If this is not possible, patients should not be advised to delay their scheduled dose for longer than 2-3 hours. Sample collection and the time that the medication was last ingested should be noted on the requisition.  
**Volume**  
0.2 mL serum or plasma  
**Conditions for specimen transportation:**  
Refrigerated  
**Specimen Acceptability:**  
3 days room temperature; 10 days refrigerated; 1 month frozen  
**Specimen Rejection:**  
Samples collected in serum separator tube  
**Methodology:**  
Liquid chromatography/tandem mass spectrometry (LC-MS/MS)  
**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

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<td>CPL</td>
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<td>Tube/Container:</td>
<td>CPL SST GOLD (1)</td>
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<tr>
<td>Tests:</td>
<td>No tests in this specimen</td>
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<tr>
<td>Information:</td>
<td>A completed patient history form must accompany sample!</td>
</tr>
</tbody>
</table>

**Notes:**

4 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate. Interpretation based on gestational age 10 weeks 3 days to 13 weeks 6 days. A completed history form must accompany sample.

**Specimen Referral:**

Clinical Pathology Laboratories

---

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<tr>
<th>Name:</th>
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<td>CPL</td>
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<tr>
<td>Tube/Container:</td>
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<td>4800</td>
</tr>
</tbody>
</table>

**Notes:**

Specimen Collection:

Urine collection container

Specimen Processing:

60 mL random urine. Room temperature.

**Volume**

30 mL urine

Conditions for specimen transportation:

Room temperature

Specimen Acceptability:

1 week room temperature; 2 weeks refrigerated; indefinitely frozen

Methodology:

Gas chromatography/mass spectrometry (GC/MS)

**Specimen Referral:**

Clinical Pathology Laboratories
NAME: IMMUNOELECTROPHOR RDM UR(CPL)  
ABBREVIATION: 914629  
SPECIMEN TYPE: Urine  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 914629  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL CUP (1), URINE ALQ 50ML (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 914629  
CPL: 2745  
ZCPL: 2745  
VALID ICD9 CODES: No  
VALID ICD10 CODES: No  
NOTES:  
Specimen Collection:  
Urine collection container  
Specimen Processing:  
50 mL aliquot of 24 hr urine or first morning specimen.  
Refrigerate.  
Volume  
50 mL urine  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
1 week refrigerated; 1 month frozen  
Methodology:  
Immunofixation  
Specimen Rejection:  
Samples preserved with boric acid  
Specimen Referral:  
Clinical Pathology Laboratories
**Order Choice Information**

| NAME: | DIPHTHERIA ANTIBODY PRE |
| ABBREVIATION: | 914630 |
| SPECIMEN TYPE: | Serum |
| STORAGE TEMP: | CR FZN |
| CPT CODE(S): | 914630 |
| INSTRUMENT/LOC: | CPL |
| TUBE/CONTAINER: | CPL SRM FZN (1), CPL SST GOLD (1) |
| TESTS: | No tests in this specimen |
| INFORMATION: | CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE. |
| ASTM/HL7/SDF 1: | 914630 |
| CPL: | 4547 |
| ZCPL: | 4547 |
| VALID ICD-9 CODES: | No |
| VALID ICD-10 CODES: | No |
| NOTES: | Specimen Collection: Serum separator tube |
| Specimen Processing: | 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Clearly label sample as pre or post immunization. Post sample should be collected 30 days following immunization. Refrigerate. |
| Volume | 0.2 mL serum |
| Conditions for specimen transportation: | Refrigerated |
| Specimen Acceptability: | After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen |
| Specimen Rejection: | Plasma body fluid avoid repeated freeze/thaw cycles |
| Methodology | Multiplex bead assay |
| Specimen Referral: | Clinical Pathology Laboratories |
### Order Choice Information

**NAME:** EPSTEIN BARR IGG & IGM  
**ABBREVIATION:** 914641  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 914641  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 914641  
**CPL:** 4642  
**ZCPL:** 4642  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.  

**Volume**  
0.5 mL serum  

**Conditions for specimen transportation:**  
Refrigerated  

**Specimen Acceptability:**  
1 day room temperature; 1 week refrigerated  

**Methodology:**  
Clia competitive chemiluminescence  

**Specimen Rejection:**  
Hemolysis  
lipemia  

**Specimen Referral:**  
Clinical Pathology Laboratories
**Order Choice Information**

* Research/Experimental *

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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
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</table>

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 7 days refrigerated; 35 days frozen

Methodology:
Radioimmunoassay (ria)

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

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<td>VALID ICD-10 CODES</td>
<td>No</td>
</tr>
<tr>
<td>NOTES</td>
<td>None</td>
</tr>
</tbody>
</table>

**Patient preparation:** None

**Specimen collection:** 16 hour Urine

**Specimen processing:** None

**Specimen storage and preservation:** Keep 16 Hr Urine container refrigerated during collection.

- Room Temperature (15 to 30°C) 2 hours
- Refrigerated (2 to 8°C) 3 days

**Conditions for specimen transportation:**

- Room Temperature (15 to 30°C) 2 hours
- Refrigerated (2 to 8°C) if shipping after 2 hours of collection.

**Specimen acceptability:** Urine only

**Freeze/Thaw:** N/A

**Specimen rejection:** Improper Collection or Labeling

**Methodology:** Pyrogallol Red

**Specimen Referral:** None
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME: PROTEIN 8 HR URINE</th>
<th>ABBREVIATION: 914669</th>
</tr>
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<tbody>
<tr>
<td>SPECIMEN TYPE: Urine</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<td>CPT CODE(S): 914669</td>
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<tr>
<td>INSTRUMENT/LOC: DXC</td>
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<tr>
<td>TUBE/CONTAINER: TIMED UR (1)</td>
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<tr>
<td>TESTS: Timed Protein Urine, Protein Ur Conc., Protein Ur Total Volume, Hours of Collection</td>
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<tr>
<td>ASTM/HL7/SDF 1: 914669</td>
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<tr>
<td>CPL: 2149</td>
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<td>ZCPL: 2149</td>
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<td>NOTES: Patient preparation: None</td>
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<tr>
<td>Specimen collection: 8 hour Urine</td>
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<tr>
<td>Specimen processing: None</td>
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<tr>
<td>Specimen storage and preservation: Keep 8 Hr Urine container refrigerated during collection.</td>
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<tr>
<td>Room Temperature (15 to 30°C) 2 hours</td>
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<tr>
<td>Refrigerated (2 to 8°C) 3 days</td>
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<tr>
<td>Conditions for specimen transportation:</td>
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<tr>
<td>Room Temperature (15 to 30°C) 2 hours</td>
<td></td>
</tr>
<tr>
<td>Refrigerated (2 to 8°C) if shipping after 2 hours of collection.</td>
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<td>Specimen acceptability: Urine only</td>
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<td>Freeze/Thaw: N/A</td>
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<td>Specimen rejection: Improper Collection or Labeling</td>
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<td>Methodology: Pyrogallol Red</td>
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<tr>
<th>NAME: LEXAPRO</th>
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<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 914677</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
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<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 914677</td>
<td></td>
</tr>
<tr>
<td>CPL: WILD 600</td>
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<tr>
<td>ZCPL: WILD 600</td>
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<td>VALID ICD-10 CODES: No</td>
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Order Choice Information

NAME: ZONEGRAN LEVEL
ABBREVIATION: 914678
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 914678
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C5564 PLR (1), C5564A SRM (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914678
CPL: 5564
ZCPL: 5564
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated 2 weeks frozen

Specimen Rejection:
Samples collected in serum separator tube

Methodology:
High performance liquid chromatography (hplc)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: 68KD ANTIBODY</th>
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<tr>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>CPT CODE(S): 914682</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<td>TUBE/CONTAINER: SST GOLD (1)</td>
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<td>ASTM/HL7/SDF 1: 914682</td>
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<td>CPL: 5584</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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</table>

**NOTES:**
- Specimen Collection:
  - Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: this test is not recommended for evaluation of general hearing loss.

**Volume:**
0.1 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
- 2 days room temperature; 2 weeks refrigerated; 1 year frozen

**Specimen Rejection:**
- Hemolysis
- Lipemia
- Clotted samples
- Samples with bacterial contamination
- Samples collected with anticoagulants
- Samples collected with preservatives

Methodology:
- Western blot (wb)

Specimen Referral:
- Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>Name:</th>
<th>PROTEIN BODY FLUID</th>
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<tr>
<td>Specimen Type:</td>
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<td>Storage Temp:</td>
<td>RM TEMP</td>
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<td>CPT Code(s):</td>
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<tr>
<td>Instrument/Loc:</td>
<td>CPL</td>
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<tr>
<td>Tube/Container:</td>
<td>CPL PLAIN RED (1)</td>
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<td>Tests:</td>
<td>No tests in this specimen</td>
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<tr>
<td>Information:</td>
<td>Collect fluid in Sterile or Pl Red top, Room temp. List Source.</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>CPL:</td>
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<td>Notes:</td>
<td>Specimen Collection: Body fluid collection tube</td>
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<td></td>
<td>Specimen Processing: 1 mL body fluid. Refrigerate.</td>
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<tr>
<td>Volume:</td>
<td>1 mL body fluid</td>
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<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
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<tr>
<td>Specimen Acceptability:</td>
<td>1 day room temperature; 1 week refrigerated</td>
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<tr>
<td>Methodology:</td>
<td>Olympus AU600 quantitative method or other automated chemistry procedure</td>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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<table>
<thead>
<tr>
<th>Name:</th>
<th>FACTOR XI JEWISH MUTATION</th>
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<tbody>
<tr>
<td>Abbreviation:</td>
<td>914688</td>
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<tr>
<td>Specimen Type:</td>
<td>EDTA WB</td>
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<tr>
<td>Storage Temp:</td>
<td>RM TEMP</td>
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<tr>
<td>CPT Code(s):</td>
<td>914688</td>
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<tr>
<td>Instrument/Loc:</td>
<td>CPL</td>
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<tr>
<td>Tube/Container:</td>
<td>QST LAV (1)</td>
</tr>
<tr>
<td>Tests:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
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<td>ZCA:</td>
<td>16023</td>
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<td>Valid ICD-10 Codes:</td>
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# Order Choice Information

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<tr>
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<tr>
<td>Abbreviation: 914690</td>
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<tr>
<td>Specimen Type: NAHEP PLASMA</td>
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<tr>
<td>Storage Temp: CR FZN</td>
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<tr>
<td>CPT Code(s): 914690</td>
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<tr>
<td>Instrument/LOC: CPL</td>
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<tr>
<td>Tube/Container: C4276 DKGN (1), C4276A PL FZN (1)</td>
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<tr>
<td>Tests: No tests in this specimen</td>
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<tr>
<td>Information: DKGN, FREEZE PLASMA, PROTECT FROM LIGHT WITH FOIL.</td>
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<tr>
<td>ASTM/HL7/SDF 1: 914690</td>
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<tr>
<td>CPL: 4276</td>
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<tr>
<td>ZCPL: 4276</td>
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<td>Valid ICD-9 Codes: No</td>
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<td>Valid ICD-10 Codes: No</td>
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<tr>
<td>Notes:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Heparin (green top) tube</td>
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</tbody>
</table>

**Specimen Processing:**

3 mL heparin plasma. Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). Protect sample from light during collection, storage, and transport.

Patient should abstain from alcohol consumption for 24 hours prior to collection. A list of patient's current medications must be included with requisition.

When multiple tests are ordered, submit separate tube for this test.

**Volume**

2.2 mL plasma

**Conditions for specimen transportation:**

Critical frozen (CFZ) protect from light

**Specimen Acceptability:**

Unacceptable room temperature; unacceptable refrigerated; 1 week frozen

**Specimen Rejection:**

Hemolysis
lipemia
room temperature samples
refrigerated samples
samples collected in serum separator tube

**Methodology:**

Total - extraction/scanning fractionated - hplc

**Specimen Referral:**

Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
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<th>NAME:</th>
<th>UROD ASSAY</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<td>RM TEMP</td>
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<td>CPT CODE(S):</td>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL NAHEP DK GRN (1)</td>
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<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>INFORMATION:</td>
<td>DK GRN, CALL FOR STAT CPL COURIER MON-WEDN ONLY, MAYO MUST RECEIVE W/IN 48 HOURS.</td>
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TEST NAME: UROPORPHRYNIOGEN DECARBOXYLASE III FROM NICOTIANA TABACUM.
ASTM/HL7/SDF 1: 914961
CPL: WILD 600
ZCPL: WILD 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: UROPORPHRYNIOGEN DECARBOXYLASE III FROM NICOTIANA TABACUM.

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Order Choice Information

NAME: DIHYDROTETOSTERONE
ABBREVIATION: 914694
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 914694
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: NOTE: COLLECT BETWEEN 6 AND 10 AM.
1 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE.
SAMPLE SHOULD BE COLLECTED BETWEEN 6 AND 10 AM.

ASTM/HL7/SDF 1: 914694
CPL: 5047
ZCPL: 5047
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
3 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze.
When multiple tests are ordered, submit separate tube for this test.

Volume
0.6 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 2 hours room temperature; 1 day refrigerated; 6 months frozen

Specimen Rejection:
Hemolysis
lipemia

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** B/T CELL GENE ARRANGEMENT  
**ABBREVIATION:** 914704  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 914704  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** SEND COMPLETED HISTORY FORM WITH SPECIMEN.  
**ASTM/HL7/SDF 1:** 914704  
**CPL:** 5377  
**QUEST:** 5377  
**ZCPL:** 5377  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
**Specimen Collection:**  
EDTA (lavender top) tube  

**Specimen Processing:**  
5 mL EDTA whole blood. Room temperature.  
A completed history form must accompany sample.  

**Volume**  
5 mL whole blood  

**Conditions for specimen transportation:**  
Room temperature  

**Specimen Acceptability:**  
3 days room temperature; 3 days refrigerated;  

**Specimen Rejection:**  
Frozen whole blood  

**Methodology:**  
Polymerase chain reaction (PCR)/capillary gel  

**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: GTT 2HR W/INSULIN
ABBREVIATION: 914706
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 914706
INSTRUMENT/LOC: BCI DXC 880i (n)
TUBE/CONTAINER: SST GOLD (1)
TESTS: Glucose Baseline, Glucose 30 Min, Glucose 1Hr, Glucose 90 Min, Glucose 2Hr, Insulin Baseline, Insulin 30Min , Insulin 1Hr , Insulin 90Min , Insulin 2Hr
INFORMATION: To be drawn Tuesday and Friday. Give Patient 75 gram Glucose Load.
ASTM/HL7/SDF 1: 914706
VALID ICD9 CODES: No
VALID ICD10 CODES: No
NOTES:
Patient Preparation: Done on Tuesday and Friday only. Patient should fast for 12 hours preceding collection of specimen
Specimen Collection: SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST Serum
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling
Methodology: Glucose Oxidase/Chemiluminescence Immunoassay
Specimen Referral: None
## Order Choice Information

**NAME:** BASIC LYMPH SUBSET FLOW ANALYSIS  
**ABBREVIATION:** 914710  
**SPECIMEN TYPE:** SEE HANDLING  
**STORAGE TEMP:** CR RM TEMP  
**CPT CODE(S):** 914710  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** DRAW LAV, EDTA WHOLE BLOOD. CRITICAL ROOM TEMP  
**ASTM/HL7/SDF 1:** 914710  
**CPL:** 4870  
**ZCPL:** 4870  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
- Specimen Collection:  
  EDTA (lavender top) tube  
- Specimen Processing:  
  4 mL EDTA whole blood. Critical room temperature (CRT).  
- Volume  
  4 mL  
- Conditions for specimen transportation:  
  Critical room temperature (CRT)  
- Specimen Acceptability:  
  3 days room temperature  
- Specimen Rejection:  
  Hemolysis  
- Methodology:  
  Flow cytometry  
- Specimen Referral:  
  Clinical Pathology Laboratories

**NAME:** DiGEORGE/VCF  
**ABBREVIATION:** 914711  
**SPECIMEN TYPE:** NAHEP WB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 914711  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL NAHEP DK GRN (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 914711  
**CPL:** 5353  
**ZCPL:** 5353  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
- Specimen Processing:  
  5 mL sodium heparin whole blood. Room temperature.  
  A completed history form must accompany sample.  
- Specimen Referral:  
  Clinical Pathology Laboratories
NAME: SUBTELOMERE ANALYSIS
ABBREVIATION: 914712
SPECIMEN TYPE: NAHEP WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 914712
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL NAHEP DK GRN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914712
CPL: 5406
ZCPL: 5406
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NAME: SACCHAROMYCES CEREVISIAE IGG & IGA
ABBREVIATION: 914713
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 914713
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914713
CPL: 5412
ZCPL: 5412
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.25 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
contaminated samples
heat-inactivated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

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<td>INSTRUMENT/LOC:</td>
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<td>TESTS:</td>
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<tr>
<td>INFORMATION:</td>
<td>A completed patient history form must accompany sample!</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube Specimen Processing: 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Avoid hemolysis. Refrigerate. Interpretation available for gestational age 14 weeks to 21 weeks 6 days. A completed history form must accompany sample.</td>
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<tr>
<td>Volume</td>
<td>0.25 mL serum</td>
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<tr>
<td>Conditions for specimen transportation:</td>
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<tr>
<td>Specimen Acceptability:</td>
<td>1 day room temperature; 1 week refrigerated</td>
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<td>Specimen Rejection:</td>
<td>Hemolysis lipemia icterus</td>
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<td>Methodology:</td>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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**Order Choice Information**

**NAME:** QUETIAPINE LEVEL  
**ABBREVIATION:** 914717  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 914717  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** C5255 PLR (1), C5255A SRM (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PLRED.  
**ASTM/HL7/SDF 1:** 914717  
**CPL:** 5255  
**ZCPL:** 5255  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Plain red top tube  
Specimen Processing:  
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.  
**Volume**  
0.5 mL serum  
**Conditions for specimen transportation:**  
Refrigerated  
**Specimen Acceptability:**  
1 week room temperature; 1 month refrigerated; 1 month frozen  
**Specimen Rejection:**  
Samples collected in serum separator tube  
whole blood  
citrate (light blue top) plasma  
ACD or sps (yellow top) plasma  
**Methodology:**  
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)  
**Specimen Referral:**  
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>GTT 3HR W/INSULIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>914720</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>CPT CODE(S):</td>
<td>914720</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>BCI DXC 880i (n)</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>Glucose Baseline, Glucose 30 Min, Glucose 1Hr, Glucose 2Hr, Glucose 3Hr, Insulin Baseline, Insulin 30Min, Insulin 1Hr, Insulin 2Hr, Insulin 3Hr</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>To be drawn Tuesday and Friday. Give Patient 75 gram Glucose Load. If pregnant patient, Give 100 gram Glucose load.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
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</tr>
<tr>
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</tr>
<tr>
<td>NOTES:</td>
<td>Patient Preparation: Done on Tuesday and Friday only. Patient should fast for 12 hours preceding collection of specimen.</td>
</tr>
<tr>
<td>Specimen Collection:</td>
<td>SST Serum only</td>
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<tr>
<td>Specimen Processing:</td>
<td>Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
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<tr>
<td>Specimen Storage and Preservation:</td>
<td>Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days.</td>
</tr>
<tr>
<td>Conditions for Specimen Transportation:</td>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>SST Serum</td>
</tr>
<tr>
<td>Freeze Thaw Cycle:</td>
<td>1 cycle</td>
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<tr>
<td>Specimen Rejection:</td>
<td>Gross Hemolysis, Lipemia, Improper Container or Labeling</td>
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<tr>
<td>Methodology:</td>
<td>Glucose Oxidase/Chemiluminescence Immunoassay</td>
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<tr>
<td>Specimen Referral:</td>
<td>None</td>
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<tr>
<td>NAME: CREATININE 16 HR URINE</td>
<td>ABBREVIATION: 914732</td>
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<tr>
<td>-----------------------------</td>
<td>----------------------</td>
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<tr>
<td>SPECIMEN TYPE: Urine</td>
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<td>STORAGE TEMP: RM TEMP</td>
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<td>CPT CODE(S): 914732</td>
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<tr>
<td>INSTRUMENT/LOC: DXC</td>
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<tr>
<td>TUBE/CONTAINER: TIMED UR (1)</td>
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<tr>
<td>TESTS: Creatinine Ur Conc., 16 Hr Creatinine Urine, Creatinine Ur Total Volume</td>
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<tr>
<td>ASTM/HL7/SDF 1: 914732</td>
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<tr>
<td>CPL: 2082</td>
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<td>ZCPL: 2082</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES:</td>
<td></td>
</tr>
<tr>
<td>Patient preparation: None</td>
<td></td>
</tr>
</tbody>
</table>

Specimen collection: 16 hour Urine

Specimen processing: None

Specimen storage and preservation: Keep 16 Hr Urine container refrigerated during collection.

Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) 3 days

Conditions for specimen transportation:

Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.

Specimen acceptability: Urine only

Freeze/Thaw: N/A

Specimen rejection: Improper Collection or Labeling

Methodology: Colorimetry/Alkaline Picrate

Specimen Referral: None
<table>
<thead>
<tr>
<th>NAME:</th>
<th>CREATININE 8 HR URINE</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>914733</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>DXC</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>TIMED UR (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>Creatinine Ur Conc., 8 Hr Creatinine Urine, Creatinine Ur Total Volume</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
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<td>CPL:</td>
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<tr>
<td>ZCPL:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
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<td>NOTES:</td>
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<tr>
<td>Specimen collection:</td>
<td>8 hour Urine</td>
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<tr>
<td>Specimen processing:</td>
<td>None</td>
</tr>
<tr>
<td>Specimen storage and preservation:</td>
<td>Keep 8 Hr Urine container refrigerated during collection. Room Temperature (15 to 30°C) 2 hours Refrigerated (2 to 8°C) 3 days</td>
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<td>Conditions for specimen transportation:</td>
<td>Room Temperature (15 to 30°C) 2 hours Refrigerated (2 to 8°C) if shipping after 2 hours of collection.</td>
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<td>Specimen acceptability:</td>
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<tr>
<td>Freeze/Thaw:</td>
<td>N/A</td>
</tr>
<tr>
<td>Specimen rejection:</td>
<td>Improper Collection or Labeling</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Colorimetry/Alkaline Picrate</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>None</td>
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</table>
# Order Choice Information

**NAME:** KIDNEY STONE PANEL  
**ABBREVIATION:** 914734  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 914734  
**INSTRUMENT/LOC:** DXC  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** Sodium, Potassium, Chloride, CO2, Calcium, Creatinine, Serum, Phosphorus, Magnesium, Uric Acid, eGFR Non-Black, eGFR Black, AGAP  
**ASTM/HL7/SDF 1:** 914734  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient Preparation: None  
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 2 days  
Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Gross Hemolysis, Lipemia, Icteric, Improper Container or Labeling.  
Methodology: See individual tests.  
Specimen Referral: None
Order Choice Information

NAME: IGF BINDING PROTEIN 3
ABBREVIATION: 914737
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 82397
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ1 (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914737
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube.
Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
1 day room temperature; 1 day refrigerated; 1 year frozen

Specimen Rejection:
Gross hemolysis
gross lipemia
gross icterus
plasma samples

Methodology:
Chemiluminescent immunoassay (clia)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>OXYCODONE URINE</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>914738</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<tr>
<td>STORAGE TEMP:</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>RU CUP (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>914738</td>
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<tr>
<td>CPL:</td>
<td>5576</td>
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<td>VALID ICD-10 CODES:</td>
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<td>NOTES: Specimen Collection:</td>
<td>Urine collection container</td>
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<tr>
<td></td>
<td>Specimen Processing: 50 mL random urine. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume 20 mL urine</td>
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<tr>
<td></td>
<td>Conditions for specimen transportation: Refrigerated</td>
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<tr>
<td></td>
<td>Specimen Acceptability: 1 week room temperature; 1 month frozen</td>
</tr>
<tr>
<td></td>
<td>Methodology: Screened by immunoassay at a cutoff of 300 ng/mL. Confirmed by GC/MS.</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
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</table>
Order Choice Information

NAME: GLOMERULAR FILTRATION RATE
ABBREVIATION: 914741
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 914741
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914741
CPL: 2300
ZCPL: 2300
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
8 hours room temperature; 1 week refrigerated; 2 weeks frozen

Specimen Rejection:
Gross hemolysis
gross lipemia

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** BCR by PCR QUANTITATIVE  
**ABBREVIATION:** 914751  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 914751  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PERIPHERAL BLOOD OR BONE MARROW IS ACCEPTABLE.  
**ASTM/HL7/SDF 1:** 914751  
**CPL:** 5236  
**LABCORP:** 480481  
**ZCPL:** 5236  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
**Specimen Collection:**  
EDTA (lavender top) tube  
**Specimen Processing:**  
5 mL EDTA whole blood. Refrigerate.  
Specimen must be received within 24 hours of collection.  
Collect sample Monday through Friday only.  
**Volume**  
5 mL whole blood  
**Conditions for specimen transportation:**  
Refrigerated  
**Specimen Acceptability:**  
1 hour room temperature; 2 days refrigerated;  
**Specimen Rejection:**  
Hemolysis  
**Methodology:**  
Reverse transcription polymerase chain reaction  
**Specimen Referral:**  
Clinical Pathology Laboratories
Order Choice Information

NAME: AMYLASE, BODY FLUID
ABBREVIATION: 914760
SPECIMEN TYPE: FLUID
STORAGE TEMP: RM TEMP
CPT CODE(S): 914760
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CUP (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914760
CPL: 2024
ZCPL: 2024
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Specimen collection container

Specimen Processing:
1mL body fluid in a body fluid collection container. Centrifuge sample tp remove cellular material. Refrigerate. Indicate source of sample on requisition.

Volume
0.5 mL body fluid

Conditions for specimen transportation:
Refrigerated

Methodology:
Enzymatic on automated chemistry analyzer

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

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<thead>
<tr>
<th>NAME:</th>
<th>MYOSITIS ANTIBODY PANEL</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
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<td>TESTS:</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - Serum separator tube

**Specimen Processing:**
3 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

**Volume**
0.6 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
3 days room tempertaure; 1 week refrigerated; 2 months frozen

**Methodology:**
Immunoprecipitation (ipp)

**Specimen Referral:**
Clinical Pathology Laboratories
Order Choice Information

NAME: FREE LIGHT CHAINS, SERUM
ABBREVIATION: 914772
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 914772
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914772
CPL: 5347
ZCPL: 5347
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.
Note: the free light chain assay alone should not be used to establish the diagnosis of plasma cell or other lymphoid neoplasma. This assay may be ordered in addition to immunofixation and/or protein electrophoresis for diagnosis.
This assay has not been validated for the pediatric population.

Volume
0.7 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 1 week refrigerated; 2 months frozen

Specimen Rejection:
Gross hemolysis
gross lipemia
plasma
avoid repeated freeze/thaw cycles

Methodology:
Turbidimetry

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>CMV BY PCR QUANT (WB)</th>
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<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
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<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
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<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
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<td><strong>TESTS:</strong></td>
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<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
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<tr>
<td><strong>NOTES:</strong></td>
<td>Specimen Collection: EDTA (lavender top) tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 4 mL EDTA whole blood. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume 1 mL whole blood</td>
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<tr>
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<td>Conditions for specimen transportation: Refrigerated</td>
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<tr>
<td></td>
<td>Specimen Acceptability: 2 days room temperature; 8 days refrigerated; unacceptable frozen</td>
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<tr>
<td><strong>Methodology:</strong></td>
<td>Polymerase chain reaction (PCR)</td>
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<tr>
<td><strong>Specimen Referral:</strong></td>
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### Order Choice Information

<table>
<thead>
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<tbody>
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<td>TESTS: No tests in this specimen</td>
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<tr>
<td>CPL: 2810</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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</tbody>
</table>

**NOTES:**
- Specimen Collection:
- Urine collection container

**Specimen Processing:**
- 24 hr urine refrigerated during collection.
- Reflexes to urine iep if monoclonal protein is present.

**Volume**
- 50 mL urine

**Conditions for specimen transportation:**
- Refrigerated

**Specimen Acceptability:**
- 1 week refrigerated; 1 month frozen

**Specimen Rejection:**
- Samples preserved with boric acid

**Methodology:**
- Gel electrophoresis

**Specimen Referral:**
- Clinical Pathology Laboratories
Order Choice Information

NAME: UAPY W/MICROSCOPY
ABBREVIATION: 914779
SPECIMEN TYPE: Random Urine
STORAGE TEMP: RM TEMP
CPT CODE(S): 914779
INSTRUMENT/LOC: UA VELOCITY
TUBE/CONTAINER: RU CUP (1), UA ALIQUOT (1)
ASTM/HL7/SDF 1: 914779
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: N/A
Specimen collection: Collect urine in a clean, dry and/or sterile container. Preferred sample is a first morning void collected by “clean
catch” method.
Specimen processing: N/A
Specimen storage and preservation:
Room Temperature (15 - 30°C) 2 hours
Refrigerated (2 - 8°C) 24 hours
Frozen (-20°C) N/A
Conditions for specimen transportation: Transport at room temperature if shipping within 2 hours of collection or ship refrigerated if
shipping after 2 hours of collection.
Specimen acceptability: Urine, 6 mL or greater
Specimen rejection: Urine collected with preservative; short samples (less than 6 mL); leaking samples; centrifuged urine samples;
Specimens that have been at prolonged room temperature; improper labeling.
Freeze/Thaw: N/A
Methodology: Automated Urinalysis System
Specimen referral: N/A
NAME: IRON PROFILE  
ABBREVIATION: 914827  
SPECIMEN TYPE: Serum  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 914827  
INSTRUMENT/LOC: DXC  
TUBE/CONTAINER: LT GRN (1)  
TESTS: Iron, Serum, Transferrin, TIBC, Calculated, % Iron Saturation  
ASTM/HL7/SDF 1: 914827  
CPL: 2118  
ZCPL: 2118  
VALID ICD-9 CODES: Yes  
VALID ICD-10 CODES: Yes  
NOTES:  
Patient Preparation: None  
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 2 days  
Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.  
Methodology: See individual tests.  
Specimen Referral: None
## Order Choice Information

**NAME:** DIURETIC PANEL  
**ABBREVIATION:** 914842  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 914842  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL RU CUP (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** PROTECT FROM LIGHT  
**ASTM/HL7/SDF 1:** 914842  
**CPL:** 5995  
**ZCPL:** 5995  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Urine collection container  
Specimen Processing:  
2 mL random urine. Refrigerate.  
**Volume**  
2 mL urine  
**Conditions for specimen transportation:**  
Refrigerated  
**Specimen Acceptability:**  
Unacceptable room temperature;  
**Specimen Rejection:**  
Room temperature samples  
**Methodology:**  
Liquid chromatography-tandem mass spectrometry  
**Specimen Referral:**  
Clinical Pathology Laboratories
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<tr>
<th><strong>NAME:</strong></th>
<th>JAK2 V617 MUTATION, BM</th>
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<tr>
<td><strong>ABBREVIATION:</strong></td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
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<td>zCPL</td>
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<td><strong>TUBE/CONTAINER:</strong></td>
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<td><strong>NOTES:</strong></td>
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</tr>
<tr>
<td></td>
<td>EDTA (lavender top) tube</td>
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<td></td>
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<tr>
<td></td>
<td>5 mL EDTA whole blood. Critical refrigerate (CRF).</td>
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<tr>
<td></td>
<td>Volume</td>
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<tr>
<td></td>
<td>2 mL whole blood</td>
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<td></td>
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<td>Critical refrigerated (CRF)</td>
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NAME: FAMILIAL DYSAUTONOMIA
ABBREVIATION: 914844
SPECIMEN TYPE: ACD-A WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 914844
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ACD-A YEL (2)
TESTS: No tests in this specimen
INFORMATION: Can only be drawn Mon - Thur. 3 days stability.
ASTM/HL7/SDF 1: 914844
CPL: 5599
LABCORP: 511352
ZCPL: 5599
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
ACD (yellow top - solution a) tube

Specimen Processing:
20 mL ACD-a whole blood. Room temperature.

Volume
20 mL whole blood

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
3 days room temperature;

Specimen Rejection:
Hemolysis

Methodology:
Polymerase chain reaction (PCR)

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

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<td>TUBE/CONTAINER:</td>
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<td>NOTES:</td>
<td>Specimen Collection: ACD-a (yellow top) tube</td>
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</table>

**Specimen Processing:**

10 mL ACD-a whole blood. Sample must be submitted in original collection container. Room temperature.

### Volume

10 mL whole blood

### Conditions for specimen transportation:

Room temperature

### Specimen Acceptability:

3 days room temperature;

### Specimen Rejection:

Hemolysis

### Methodology:

Polymerase chain reaction (PCR)

### Specimen Referral:

Clinical Pathology Laboratories
NAME: ALDOSTERONE/RENIN ACTIVITY RATIO
ABBREVIATION: 914847
SPECIMEN TYPE: EDTA PL and SERUM
STORAGE TEMP: CR FZN
CPT CODE(S): 914847
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1), CPL PLASMA ALQ (1), CPL PLAIN RED (1), CPL SERUM ALQ (1)
TESTS: No tests in this specimen
INFORMATION: SUPINE: SAMPLES SHOULD BE OBTAINED BETWEEN 8 AM AND 10 AM AFTER AT LEAST 2 HOURS IN THE SUPINE POSITION.
OR:
UPRIGHT: SAMPLES SHOULD BE OBTAINED BEFORE NOON AFTER AT LEAST 2 HOURS IN THE UPRIGHT POSITION (SEATED OR STANDING).
ASTM/HL7/SDF 1: 914847
CPL: 5718
ZCPL: 5718
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum Separator Tube and EDTA Lavender Top Tube
Specimen Processing:
1 mL serum and 2 mL EDTA plasma. Critical frozen (CFZ).
1. Supine: both samples should be obtained between 8 AM and 10 AM after at least 2 hours in the supine position.
   Upright: both samples should be obtained before noon after at least 2 hours in the upright position (seated or standing).
2. Patient should be on a normal sodium diet (100-200 meq/dau)
3. Patient should be receiving no medications known to affect the renin/aldosterone system.
   Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Clearly label this sample as Serum. Freeze.
   Centrifuge EDTA (lavender top) sample within 2 hours of collection. Transfer plasma to a plastic transport tube. Clearly label this sample as EDTA Plasma. Freeze.
   Both samples are critical frozen (CFZ).
   When multiple tests are ordered, submit separate tubes for this test.
Volume:
1 mL serum and 2 mL plasma
Conditions for specimen transportation:
Critical Frozen (CFZ)
Specimen Acceptability:
After separation from cells
Specimen Rejection:
• Hemolysis
Methodology:
Radioimmunoassay (ria)
Specimen Referral:
Clinical Pathology Labortories
**NAME:** FACTOR H  
**ABBREVIATION:** 914849  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 914849  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SERUM ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 914849  
**CPL:** 600 SPECIALTY  
**ZCPL:** 600 SPECIALTY  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

**NAME:** HYPERSENS. PNEUMO. PANEL  
**ABBREVIATION:** 914854  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 914854  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL PLAIN RED (1), CPL SERUM ALQ (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 914854  
**CPL:** 5544  
**ZCPL:** 5544  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
**Specimen Collection:**  
Serum separator tube  

**Specimen Processing:**  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  

**Volume**  
1 mL serum  

**Conditions for specimen transportation:**  
Refrigerated  

**Specimen Acceptability:**  
After separation from cells:  

**Specimen Rejection:**  
Plasma  

**Methodology:**  
Immunodiffusion  

**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

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<td>NOTES:</td>
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<td>Specimen Collection:</td>
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<tr>
<td>Serum separator tube</td>
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<td>Specimen Processing:</td>
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<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
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<tr>
<td>Volume</td>
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<tr>
<td>1 mL serum</td>
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<td>Conditions for specimen transportation:</td>
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<td>After separation from cells:</td>
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<td>Methodology:</td>
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<td>Enzyme-linked immunosorbent assay (ELISA)</td>
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**Order Choice Information**

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<td>NOTES:</td>
<td>Patient preparation: None</td>
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</table>

Test includes: ANA Pattern and Titer; If positive, reflex to ANA Panel (ENA, C3, C4, RA)

Specimen collection: SST Tiger top

Specimen storage and preservation: After testing, 1 week refrigerated

Conditions for specimen transportation: Room temperature up to 8 hours

Specimen processing: Centrifuge at 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.

Specimen acceptability: Serum; Within 48 hours if refrigerated

Specimen rejection: Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.

Freeze/Thaw: 1 cycle

Methodology: Immunofluorescence Assay (IFA)

Specimen referral: None
## Order Choice Information

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<td>NOTES:</td>
<td>Patient Preparation: Samples should not be taken from patients receiving high Biotin doses (&gt;5mg/Day) until at least 8 hours following the last Biotin administration. Specimen Collection: Serum separator tube Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test. Volume: 0.5 mL serum Conditions for specimen transportation: Frozen Specimen Acceptability: After separation from cells: 8 hours room temperature; 3 days refrigerated; 3 months frozen Specimen Rejection: Hemolysis, Samples not separated from cells Methodology: Electrochemiluminescent immunoassay (chlia) Specimen Referral: Clinical Pathology Laboratories</td>
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**Order Choice Information**

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**NOTES:**
- **Specimen Collection:**
  - Serum separator tube
- **Specimen Processing:**
  - 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.
- **Volume:**
  - 0.5 mL serum
- **Conditions for specimen transportation:**
  - Refrigerated
- **Specimen Acceptability:**
  - 2 days room temperature; 2 weeks refrigerated; 1 year frozen
- **Specimen Rejection:**
  - Hemolysis
  - Gross lipemia
  - Contaminated samples
  - Avoid repeated freeze/thaw cycles
- **Methodology:**
  - Enzyme-linked immunosorbent assay (ELISA)
- **Specimen Referral:**
  - Clinical Pathology Laboratories
### Order Choice Information

**NAME:** NEUROKININ A  
**ABBREVIATION:** 914867  
**SPECIMEN TYPE:** EDTA PLASMA  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 83519  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL Z-TUBE (1), CPL Z-TUBE PLASMA (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** 10 ML EDTA PLASMA FROM SPECIAL TUBE CONTAINING THE Z-TUBE PRESERVATIVE. PATIENT SHOULD NOT HAVE INGESTED HYPERTENSIVE MEDICATION OR DRUGS AFFECTING GASTROINTESTINAL FUNCTION OR PAIN RELIEF FOR 48 HOURS PRIOR TO COLLECTION. SEPARATE PLASMA FROM CELLS IMMEDIATELY AND FREEZE. PLEASE CONTACT REFERRAL TESTING FOR COLLECTION TUBE.  
**ASTM/HL7/SDF 1:** 914867  
**CPL:** 4109  
**ZCPL:** 4109  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Z-collection tube  
Specimen Processing:  
10 mL EDTA plasma from special tube containing the z-tube preservative. Patient should not have ingested hypertensive medication or drugs affecting gastrointestinal function or pain relief for 48 hours prior to collection. Centrifuge sample and separate plasma from cells immediately. Freeze. When multiple tests are ordered, submit separate tube for this test. Please contact referral testing department for collection tube.  
**Volume**  
1 mL plasma  
**Conditions for specimen transportation:**  
Frozen  
**Specimen Acceptability:**  
Unacceptable room temperature; 1 week refrigerated; 6 months frozen  
**Specimen Rejection:**  
Hemolysis  
lipemia  
**Methodology:**  
Radioimmunoassay (ria)  
**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** PANCREASTATIN  
**ABBREVIATION:** 914868  
**SPECIMEN TYPE:** EDTA PLASMA  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 83519  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL Z-TUBE (1), CPL Z-TUBE PLASMA (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** Specimen requirements:  
10 ML EDTA PLASMA COLLECTED IN Z-TUBE. CENTRIFUGE SAMPLE AND SEPARATE PLASMA FROM CELLS IMMEDIATELY. TRANSFER PLASMA TO A PLASTIC TRANSPORT TUBE. FREEZE. CRITICAL FROZEN. IF POSSIBLE, PATIENT SHOULD REFRAIN FROM INGESTING MEDICATIONS THAT AFFECT INSULIN LEVELS FOR 48 HOURS PRIOR TO COLLECTION. PATIENT SHOULD BE FASTING FOR 10-12 HOURS PRIOR TO COLLECTION.  

**ASTM/HL7/SDF 1:** 914868  
**CPL:** 4013  
**ZCPL:** 4013  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Z-collection tube  

Specimen Processing:  
10 mL EDTA plasma collected in z-tube. Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube. Freeze. Critical frozen (CFZ). If possible, patient should refrain from ingesting medications that affect insulin levels for 48 hours prior to collection. When multiple tests are ordered, submit separate tube for this test.  

**Volume**  
2 mL plasma  

**Conditions for specimen transportation:**  
Critical frozen (CFZ)  

**Specimen Acceptability:**  
Unacceptable room temperature; unacceptable refrigerated; 3 months frozen  

**Specimen Rejection:**  
Hemolysis  
lipemia  
room temperature samples  
refrigerated samples  

**Methodology:**  
Radioimmunoassay (ria)  

**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

|---------------------------------------|----------------------|------------------------|----------------------|--------------------|---------------------|--------------------------------------------|-----------------------------------|------------------------|------------------|-------------------|------------------------|------------------------|

|---------------------------------------|----------------------|------------------------|----------------------|--------------------|---------------------|--------------------------------------------|-----------------------------------|------------------------|------------------|-------------------|------------------------|

**NOTES:**

- **Specimen Collection:**
  EDTA (royal blue top) trace metal tube

- **Specimen Processing:**
  6 mL whole blood in royal blue trace metal-free tube with EDTA collected venously. Refrigerate.
  Medicaid thstps samples must be sent to TDH laboratory.

- **Volume**
  0.5 mL whole blood (adult)

- **Conditions for specimen transportation:**
  Refrigerated

- **Specimen Acceptability:**
  2 days room temperature; 2 weeks refrigerated; unacceptable frozen

- **Specimen Rejection:**
  Clotted samples

- **Methodology:**
  Inductively coupled plasma-mass spectrometry (ICP-MS)

- **Specimen Referral:**
  Clinical Pathology Laboratories
### Order Choice Information

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<tr>
<td>CPT CODE(S):</td>
<td>914884</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL LAV MICROTA (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>0.75 ML EDTA WHOLE BLOOD. MIX WELL TO AVOID CLOTTING. THE CHILD'S HAND SHOULD BE THOROUGHLY WASHED WITH SOAP AND WATER, THEN DRIED WITH A CLEAN, LOW-LINT PAPER TOWEL. IF WATER IS UNAVAILABLE, FOAM SOAPS CAN BE USED. REFRIGERATE.</td>
</tr>
</tbody>
</table>

ASTM/HL7/SDF 1: 914884  
CPL: 4238  
ZCPL: 4238  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection: EDTA (lavender top) microtainer  
Specimen Processing: 0.75 mL EDTA whole blood. Mix well to avoid clotting. The child's hand should be thoroughly washed with soap and then dried with a clean, low-lint towel. If water is not available, foam soaps may be used. Refrigerate. Medicaid thstes samples must be sent to TDH laboratory.  
Volume 75 ul whole blood (pediatric)  
Conditions for specimen transportation: Refrigerated  
Specimen Acceptability: 2 days room temperature; 2 weeks refrigerated; unacceptable frozen  
Specimen Rejection: Clotted samples  
Methodology: Inductively coupled plasma-mass spectrometry (ICP-MS)  
Specimen Referral: Clinical Pathology Laboratories
NAME: CULTURE ROUTINE AEROBIC
ABBREVIATION: 914885
SPECIMEN TYPE: SWAB
STORAGE TEMP: RM TEMP
CPT CODE(S): 914885
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CX (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914885
CPL: 6007
ZCPL: 6007
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Dual culture swab in transport media

Specimen Processing:
Bacterial culturette swab inoculated with infected material.
Room temperature.

Volume
1 swab in a culturette transport

Conditions for specimen transportation:
Room temperature

Acceptability:
1 day room temperature samples received between 24-48 hours after collection will be reported with the following comment:
"specimens were not received into laboratory within 24 hours. Some organisms may have significant loss of viability. Recollection should be considered." body fluid or tissue: 1 day room temperature

If submitting tissue: Must be fresh tissue, submit in sterile container, add small amount of sterile saline to keep moist.

Specimen Rejection:
Will reject viral transport media, swabs collected more than 2 days prior to submission, dry swabs, non-sterile or leaking containers, expired transport media, frozen specimens, specimens in fixative (formalin), and swabs not submitted in transport media

Methodology:
Standard culture methodology note: gram stain will be performed on all specimen sources except ears, eyes, nasal, skin, scalp, throat and genital.

Specimen Referral:
Clinical Pathology Laboratories
NAME: LATEX IgE  
ABBREVIATION: 914900  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 914900  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 914900  
CPL: 5500  
ZCPL: 5500  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
0.2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate  
Volume  
0.1 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
1 day room temperature; 1 week refrigerated 2 weeks frozen  
Specimen Rejection:  
Avoid repeated freeze/thaw cycles  
Methodology:  
Phadia immunocap latex (specific ige-occupational allergen)  
Specimen Referral:  
Clinical Pathology Laboratories
NAME: RBC ANTIGEN TYPING
ABBREVIATION: 914915
SPECIMEN TYPE: PLAIN RED
STORAGE TEMP: RM TEMP
CPT CODE(S): 914915
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV1 (1), CPL LAV2 (1)
TESTS: No tests in this specimen
INFORMATION: 10 ML PLAIN RED UNSPUN. DO NOT SEPARATE SERUM. 
ASTM/HL7/SDF 1: 914915
CPL: 3813
LABCORP: 006213
ZCPL: 3813
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
10 mL clotted whole blood from a plain red top tube.
Room temperature.

Volume
5 mL whole blood

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
2 days room temperature

Specimen Rejection:
Hemolysis
samples submitted in serum separator tubes

Methodology:
Manual tube agglutination

Specimen Referral:
Clinical Pathology Laboratories

NAME: METANEPHRINE RANDOM URINE
ABBREVIATION: 914921
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 914921
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL RU CUP (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914921
CPL: 4902
ZCPL: 4902
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
<table>
<thead>
<tr>
<th>NAME: CULTURE BLOOD x2</th>
<th>ABBREVIATION: 914924</th>
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</thead>
<tbody>
<tr>
<td>SPECIMEN TYPE: WB</td>
<td>STOREAGE TEMP: RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S): 914924</td>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL BLCX 2 (2)</td>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: If more than 1 set is ordered, collect sets 30 minutes apart.</td>
<td></td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 914924</td>
<td>CPL: 6013</td>
</tr>
<tr>
<td>ZCPL: 6013</td>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Blood culture bottles</td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>20 mL whole blood aseptically collected. Split between aerobic and anaerobic bottles. Room temperature.</td>
<td></td>
</tr>
<tr>
<td>Volume</td>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>1 mL for children</td>
<td>Room temperature</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td></td>
</tr>
<tr>
<td>Will reject samples with no visible blood in bottles, cracked bottles, frozen specimens, swabs or samples not collected in blood culture bottles or sps tubes.</td>
<td></td>
</tr>
<tr>
<td>Methodology:</td>
<td></td>
</tr>
<tr>
<td>Automated blood culture system Positive results are reported as soon as recognized. Negative reports will be issued at 2 days and 5 days. Negative reports for manually read samples issued at 1 week.</td>
<td></td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td></td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
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**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: CULTURE BLOOD x3</th>
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<tr>
<td>ABBREVIATION: 914925</td>
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<tr>
<td>SPECIMEN TYPE: WB</td>
</tr>
<tr>
<td>STORAGE TEMP: RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S): 914925</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL BLCX 3 (2)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: If more than 1 set is ordered, collect sets 30 minutes apart.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 914925</td>
</tr>
<tr>
<td>CPL: 6013</td>
</tr>
<tr>
<td>ZCPL: 6013</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Blood culture bottles</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>20 mL whole blood aseptically collected. Split between aerobic and anaerobic bottles. Room temperature.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>1 mL for children</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Room temperature</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Will reject samples with no visible blood in bottles, cracked bottles, frozen specimens, swabs or samples not collected in blood culture bottles or sps tubes.</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Automated blood culture system Positive results are reported as soon as recognized. Negative reports will be issued at 2 days and 5 days. Negative reports for manually read samples issued at 1 week.</td>
</tr>
<tr>
<td>Specimen Referral:</td>
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<tr>
<td>Clinical Pathology Laboratories</td>
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<table>
<thead>
<tr>
<th>NAME: OUTER MEMBRANE PROTEIN IGA</th>
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<tbody>
<tr>
<td>ABBREVIATION: 914926</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 914926</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 914926</td>
</tr>
<tr>
<td>CPL: WILD</td>
</tr>
<tr>
<td>ZCPL: WILD</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
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**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME</th>
<th>FREE TESTOSTERONE BY EQUILIBRIUM</th>
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<tbody>
<tr>
<td>ABBREVIATION</td>
<td>914928</td>
</tr>
<tr>
<td>SPECIMEN TYPE</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP</td>
<td>FROZEN</td>
</tr>
<tr>
<td>CPT CODE(S)</td>
<td>914928</td>
</tr>
<tr>
<td>INSTRUMENT/LOC</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER</td>
<td>SST GOLD (1), SERUM (1)</td>
</tr>
<tr>
<td>TESTS</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION</td>
<td>TEST INCLUDES TOTAL TESTOSTERONE</td>
</tr>
<tr>
<td>ASTM/HL7/SDF</td>
<td>914928</td>
</tr>
<tr>
<td>CPL</td>
<td>5887</td>
</tr>
<tr>
<td>LABCORP</td>
<td>070038</td>
</tr>
<tr>
<td>ZCPL</td>
<td>5887</td>
</tr>
<tr>
<td>VALID ICD-9 CODES</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Type: Serum</td>
</tr>
<tr>
<td></td>
<td>Patient preparation:</td>
</tr>
<tr>
<td></td>
<td>Patient's age and sex are required.</td>
</tr>
<tr>
<td></td>
<td>Specimen collection:</td>
</tr>
<tr>
<td></td>
<td>Gold Top</td>
</tr>
<tr>
<td></td>
<td>Specimen processing:</td>
</tr>
<tr>
<td></td>
<td>Centrifuge specimen at 3000rpm for 10 minutes, then separate serum into aliquot tube.</td>
</tr>
<tr>
<td></td>
<td>Specimen Volume: 2.5 mL</td>
</tr>
<tr>
<td></td>
<td>Specimen storage and preservation:</td>
</tr>
<tr>
<td></td>
<td>60 days stability when Frozen</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td></td>
<td>Ship Frozen</td>
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<tr>
<td></td>
<td>Specimen acceptability:</td>
</tr>
<tr>
<td></td>
<td>Red top preferred, Gold SST is acceptable</td>
</tr>
<tr>
<td></td>
<td>Specimen rejection:</td>
</tr>
<tr>
<td></td>
<td>Hemolysis Mild OK; Gross reject</td>
</tr>
<tr>
<td></td>
<td>Lipemia Mild OK; Gross OK</td>
</tr>
<tr>
<td></td>
<td>Icterus Mild OK; Gross OK</td>
</tr>
<tr>
<td></td>
<td>Other NA</td>
</tr>
<tr>
<td></td>
<td>Methodology:</td>
</tr>
<tr>
<td></td>
<td>Liquid chromatography-tandem mass spectrometry (LC-MS/MS)</td>
</tr>
<tr>
<td></td>
<td>Specimen referral:</td>
</tr>
<tr>
<td></td>
<td>Send to CPL; performed by Mayo Lab</td>
</tr>
</tbody>
</table>

Printed on: January 29, 2016  3:28 PM
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>FECAL OCCULT BLOOD SCREEN (MEDICARE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>914929</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>STOOL</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>914929</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>OC-AUTO 80</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>VIAL (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>FOBT</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>914929</td>
</tr>
<tr>
<td>CPL:</td>
<td>7009</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>7009</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>Yes</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>Yes</td>
</tr>
<tr>
<td>NOTES:</td>
<td></td>
</tr>
<tr>
<td>Patient preparation:</td>
<td>Medicare patient</td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Test includes:</td>
<td></td>
</tr>
<tr>
<td>Detection of hemoglobin in stool.</td>
<td></td>
</tr>
<tr>
<td>Specimen collection:</td>
<td></td>
</tr>
<tr>
<td>Patient is provided with the Polymedco FOBT-CHEK Sampling Bottle. Refer to included instructions. Label bottle with patient’s name, date of birth, and date of collection.</td>
<td></td>
</tr>
<tr>
<td>Specimen storage and preservation:</td>
<td></td>
</tr>
<tr>
<td>After testing, specimen is discarded.</td>
<td></td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td></td>
</tr>
<tr>
<td>Room temperature</td>
<td></td>
</tr>
<tr>
<td>Specimen processing:</td>
<td></td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Specimen acceptability:</td>
<td></td>
</tr>
<tr>
<td>Within 15 days if room temperature; Within 30 days if refrigerated.</td>
<td></td>
</tr>
<tr>
<td>Specimen rejection:</td>
<td></td>
</tr>
<tr>
<td>Unlabeled specimens; Bottle with significant leak; Sample received beyond acceptability period.</td>
<td></td>
</tr>
<tr>
<td>Freeze/Thaw:</td>
<td></td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Methodology:</td>
<td></td>
</tr>
<tr>
<td>Automated Latex Agglutination</td>
<td></td>
</tr>
<tr>
<td>Specimen referral:</td>
<td></td>
</tr>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>
NAME: BIG PROLACTIN
ABBREVIATION: 914938
SPECIMEN TYPE: PLAIN RED
STORAGE TEMP: CR FZN
CPT CODE(S): 84146 X2
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C600 PLR (1), C600A WILD FZN (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 914938
CPL: 4482
ZCPL: 4482
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
1 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Hemolysis

Methodology:
Chemiluminescent immunoassay

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CREATININE CLEARANCE
ABBREVIATION: 914940
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP
CPT CODE(S): 82575
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: 24HR ALQ (1)
TESTS: Creatinine Clearance, Creatinine Ur Conc., 24 Hr Creatinine Urine, Creatinine Ur Total Volume, Weight - lbs, Height - inches
ASTM/HL7/SDF 1: 914940
CPL: 2079
ZCPL: 2079
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None
Specimen collection: 24 hour Urine
Specimen processing: None
Specimen storage and preservation: Keep 24 Hr Urine container refrigerated during collection.
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) 3 days
**CPL-REFRIGERATE**
Conditions for specimen transportation:
Room Temperature (15 to 30°C) 2 hours
Refrigerated (2 to 8°C) if shipping after 2 hours of collection.
**CPL-REFRIGERATE**
Specimen acceptability: Urine only
Freeze/Thaw: N/A
Specimen rejection: Improper Collection or Labeling
Methodology: Colorimetry/Alkaline Picro
Specimen Referral: None
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>HDL CHOLESTEROL PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>914941</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>CPT CODE(S):</td>
<td>914941</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>DXC</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>LT GRN (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>% HDL, Cholesterol, HDL</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>Includes: Chol, HDL, %HDL, Risk</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>914941</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>Yes</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Patient Preparation: Patient should fast for 12 hours preceding collection of specimen.</td>
</tr>
<tr>
<td></td>
<td>Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
</tr>
<tr>
<td></td>
<td>Specimen Storage and Preservation:</td>
</tr>
<tr>
<td></td>
<td>Room Temperature (15 to 30°C) 8 hours</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 to 8°C) 2 days</td>
</tr>
<tr>
<td></td>
<td>Frozen Aliquot (-20°C) 7 days</td>
</tr>
<tr>
<td></td>
<td>Conditions for Specimen Transportation:</td>
</tr>
<tr>
<td></td>
<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
</tr>
<tr>
<td></td>
<td>Refrigerated (2 to 8°C) if shipping after 8 hours of collection.</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: SST - SERUM</td>
</tr>
<tr>
<td></td>
<td>Freeze Thaw Cycle: 1 cycle</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Gross Hemolysis, Improper Container or Labeling.</td>
</tr>
<tr>
<td></td>
<td>Methodology: See individual tests.</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: None</td>
</tr>
</tbody>
</table>
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>FISH ANALYSIS PDGFRB</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>NAHEP WB</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>CPT CODE(S):</td>
<td>88275 X2, 88271 X2, 88291</td>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL NAHEP DK GRN (2)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>10 ML NAHEP WHOLE BLOOD. DRAW MON - THURS.</td>
</tr>
<tr>
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<td>Sodium heparin (green top) tube</td>
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<td>Specimen Acceptability:</td>
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<td>Specimen Rejection:</td>
<td>Clotted samples</td>
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<td>Methodology:</td>
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**Order Choice Information**

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<td>INFORMATION:</td>
<td>2ML NASAL DRIPPING AND 1ML SERUM FROZEN IN PLASTIC CONTAINERS.</td>
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<tr>
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</table>

**NOTES:**
Specimen Collection:
Sterile plastic transport container and serum separator tube

Specimen Processing:
2 mL nasal fluid, tears or ear drainage in sterile plastic transport container. Freeze. Must also collect 1 mL serum in serum separator tube. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tubes for this test.

**Volume**
0.6 mL serum

**Conditions for specimen transportation:**
Frozen

**Specimen Acceptability:**
Unacceptable room temperature; 1 week refrigerated; 2 weeks frozen

**Specimen Rejection:**
Thawed samples

**Methodology:**
Immunofixation/electrophoresis

**Specimen Referral:**
Clinical Pathology Laboratories
### Order Choice Information

| NAME: MEFV GENE | ABBREVIATION: 914978 |
| SPECIMEN TYPE: WB EDTA |
| STORAGE TEMP: REFRIG |
| CPT CODE(S): 914978 |
| INSTRUMENT/LOC: CPL |
| TUBE/CONTAINER: CPL WILD LAV1 (1), CPL WILD LAV2 (1) |
| TESTS: No tests in this specimen |
| INFORMATION: CPL 600 WILD |
| ASTM/HL7/SDF 1: 914978 |
| CPL: 600 WILD |
| ZCPL: 600 WILD |
| VALID ICD-9 CODES: No |
| VALID ICD-10 CODES: No |

| NAME: 2 yr. Medicare Screen PAP not imaged | ABBREVIATION: 914980 |
| SPECIMEN TYPE: Cytology |
| SPECIMEN TYPE: AP Cytology GYN |
| CPT CODE(S): 914980, 88141, 9999 |
| INSTRUMENT/LOC: PATH ML |
| TUBE/CONTAINER: Vial/slide (1) |
| TESTS: Specimen Source: , Specimen Type PAP, Date of Last Pap: , LMP: , Clinical History PAP, Performed where: , Accession #: , Disclaimer Pap (Non-Imaged), Specimen Adequacy, Diagnostic Interpretation/Result, Organisms Present, Non-Neo Findings, Screened, Comment PAP, Internal Comment, Reflex HPV HR?, Reflex HPV if ASCUS/LSIL?, Slide Count |
| ASTM/HL7/SDF 1: 914981 |
| TAT ROUTINE TARGET TIMES: 007:00:00 |
| VALID ICD-9 CODES: Yes |
| VALID ICD-10 CODES: Yes |
| NOTES: 2 Year Medicare Screen PAP NOT IMAGED |

Preferred Specimen: Obtain an adequate sampling from the cervix using spatula/brush or broom. Insert the central bristles of the broom into the endocervical canal deep enough to allow the shorter bristles to fully contact the ectocervix. Push gently and rotate the broom in a clockwise direction five (5) times. Rinse the broom into the vial by pushing the broom into the bottom of the vial ten (10) times, forcing the bristles apart. As a final step, swirl the broom vigorously to further dislodge material. Discard the collection device. Do not leave collection device in the vial. Remove immediately. Tighten the cap so that the torque line on the cap passes the torque line on the vial. Record the patient's names and id number on the vial. Record the patient's name and medical history on the cytology requisition.

Specimen Rejected: Specimen will be returned if it is received without proper labeling.

Container Type: Preservcyt collection container

Transport Temperature: Room temperature

Methodology: Thin prep cytopathologic evaluation
## Order Choice Information

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<td>NOTES:</td>
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</table>

Specimen Collection: EDTA (lavender top) tube

### Specimen Processing:

4 mL EDTA whole blood. Critical room temperature (CRT).

### Volume

4 mL

### Conditions for specimen transportation:

Critical room temperature (CRT)

### Specimen Acceptability:

3 days room temperature

### Specimen Rejection:

Hemolysis

### Methodology:

Flow cytometry

### Specimen Referral:

Clinical Pathology Laboratories
### Order Choice Information

**NAME:** P.CARINII IMMUNOFL. STAIN  
**ABBREVIATION:** 915015  
**SPECIMEN TYPE:** SPUTUM  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 915015  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL CUP (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** 3 ML SPUTUM REQUIRED  
**ASTM/HL7/SDF 1:** 915015  
**CPL:** 6160  
**ZCPL:** 6160  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Sterile collection container

Specimen Processing:  
5 mL respiratory specimen (bronchial washing, bronchoalveolar lavage, or induced sputum) in a sterile container. Place each specimen in an individually sealed bag. Critical refrigerate (CRF). Specimen source is required

Volume  
1 mL fluid

Conditions for specimen transportation:  
Critical refrigerated (CRF)

Specimen Acceptability:  
2 hours room temperature; 1 week refrigerated; unacceptable frozen

Rejection Criteria  
Tissue  
Specimens submitted in formalin slides swabs

Methodology:  
Direct fluorescent antibody stain (dfa)

Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: ACYL-COENZYME DEHYDROGENASE
ABBREVIATION: 915118
SPECIMEN TYPE: ACD-A WB
STORAGE TEMP: REFRIG
CPT CODE(S): 915118
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ACD-A YEL (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915118
CPL: 4144
ZCPL: 4144
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
3 mL EDTA whole blood. Refrigerate.

Volume
3 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days room temperature; 1 week refrigerated;

Specimen Rejection:
Frozen samples

Methodology:
Polymerase chain reaction (PCR)/fluorescence

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: ZAP 70
ABBREVIATION: 915139
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV1 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915139
CPL: 8180
LABCORP: 489000
ZCPL: 8180
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Refer to specimen requirements

Specimen Processing:
Bone marrow: 1-2 mL in sodium heparin at refrigerate.
Peripheral blood: 3-4 mL EDTA blood at refrigerate.
Body fluids or effusions: 3-4 mL sodium heparin.
Fine needle aspirates: submit in refrigerator rpmi/flow cytometry transport media.
Tissues: thin slices or 1mm cubed fragments in rpmi/flow cytometry transport media. Refrigerate.
CSF: 5 mL fluid. Refrigerate if held overnight.
Will reject any samples greater than 48 hours old.

Conditions for specimen transportation:
Refrigerated refrigerated for body fluids

Specimen Acceptability:
Whole blood: 2 days room temperature bone marrow: 2 days room temperature tissues: 72 hours if preserved, less than 24 hours if submitted in saline or moist gauze. Body fluid: 1 day refrigerated csf: 1 day refrigerated

Specimen Rejection:
Specimens collected in lithium heparin
frozen specimens
clotted specimens
gross hemolysis for blood or bone marrow
specimens subjected to extreme temperatures
specimens collected in ACD (yellow top) tube
specimens with viability less than 50% (as measured by 7 aad uptake)
specimens from new york state that are more than 48 hours old

Methodology:
Flow cytometry

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** MYCOPLASMA/UREAPLASMA CX  
**ABBREVIATION:** 915140  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 87109  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CUP (1), UTM (MEDIA) (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 915140  
**CPL:** 5002  
**ZCPL:** 5002  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Container Type:  
UTM (universal transport media) or M4 transport container do not use M4 RT.  

Specimen Processing:  
Collect urine, urethral or cervical swab, semen, biopsy tissue, body fluid, CSF, tracheal or nasopharyngeal aspirate. Place swab or 0.5 mL fluid in UTM m4 transport media (do not use m4 rt) or ureaplasma transport media. Freeze. Specimen source is required. Place each sample in an individually sealed bag. When multiple tests are ordered, submit separate sample for this test.  

**Volume:**  
0.5 mL body fluid  

**Conditions for specimen transportation:**  
Frozen  

**Specimen Acceptability:**  
8 hours room temperature; 2 days refrigerated; 1 month frozen  

**Specimen Rejection:**  
Samples in media other than universal transport  
non-patient samples  
dry swabs  
culturettes  
samples in m4 rt media  

**Methodology:**  
Culture  

**Specimen Referral:**  
Clinical Pathology Laboratories  

---

**NAME:** ACETONE URINE  
**ABBREVIATION:** 915151  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 915151  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL RU CUP (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 915151  
**CPL:** 2001  
**ZCPL:** 2001  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  

---
The Austin Diagnostic Clinic Laboratory  
12221 North Mopac Expressway  
AUSTIN, TX  78758

Order Choice Information

NAME:  IGA IMMUNOGLOBULIN  
ABBREVIATION: 915156  
SPECIMEN TYPE: Serum  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 915156  
INSTRUMENT/LOC: DXC  
TUBE/CONTAINER: SST GOLD (1)  
TESTS: IGA  
ASTM/HL7/SDF 1: 915156  
CPL: 2751  
ZCPL: 2751  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Patient Preparation: None  
Specimen Collection: SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation:  
Room Temperature (15 to 30°C) 8 hours  
Refrigerated (2 to 8°C) 2 days  
Frozen Aliquot (-20°C)  Not recommended  
Conditions for Specimen Transportation:  
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - SERUM only  
Freeze Thaw Cycle: N/A  
Specimen Rejection: Gross Lipemia, Improper Container or Labeling  
Methodology: Immunoturbidimetric  
Specimen Referral: None
**Order Choice Information**

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<td>Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.</td>
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<td>Room Temperature (15 to 30°C) 8 hours</td>
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<td>Refrigerated (2 to 8°C) 2 days</td>
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<td>Frozen Aliquot (-20°C) Not recommended</td>
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<td>Room Temperature (15 to 30°C) if shipping within 8 hours of collection.</td>
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<td>Specimen Acceptability:</td>
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<td>Freeze Thaw Cycle:</td>
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<td>Specimen Rejection:</td>
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Order Choice Information

NAME: HYPERSENSITIVITY PNEUM. I
ABBREVIATION: 915161
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 915161
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915161
CPL: 5544
ZCPL: 5544
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Plasma

Methodology:
Immunodiffusion

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: AC VARICELLA ZOSTER IGG/IGM
ABBREVIATION: 915167
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 915167
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915167
CPL: 3720
ZCPL: 3720
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE.
NOTE: PARALLEL TESTING IS PREFERRED AND CONVALESCENT SAMPLES MUST BE RECEIVED WITHIN 30 DAYS OF RECEIPT OF ACUTE SAMPLES. CLEARLY LABEL SAMPLES AS ACUTE OR CONVALESCENT. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
gross icterus
contaminated samples
heat-inactivated samples
plasma
body fluid
urine
avoid repeated freeze/thaw cycles

Methodology:
ENZYME-LINKED IMMUNOSORBENT ASSAY (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
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Specimen Processing:
2 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE.
NOTE: PARALLEL TESTING IS PREFERRED AND CONVALESCENT SAMPLES MUST BE RECEIVED WITHIN 30 DAYS OF RECEIPT OF ACUTE SAMPLES. CLEARLY LABEL SAMPLES AS ACUTE OR CONVALESCENT. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.

Volume
0.5 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
gross icterus
contaminated samples
heat-inactivated samples
plasma
body fluid
urine
avoid repeated freeze/thaw cycles

Methodology:
ENZYME-LINKED IMMUNOSORBENT ASSAY (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: AMOEBA STRONGLYOIDES
ABBREVIATION: 915220
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 915220
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915220
CPL: 5065
ZCPL: 5065
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.

Volume
0.05 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
icterus
contaminated samples
heat-inactivated samples

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories

NAME: ARUP GENETIC G6PD TEST
ABBREVIATION: 915221
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 915221
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV1 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915221
CPL: WILD 600
ZCPL: WILD 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
### Order Choice Information

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<tr>
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### Additional Information

**Name:** Image guided Medicare 2 yr. screening  
**Abbreviation:** 915228  
**Specimen Type:** Cytology  
**Specimen Type:** AP Cytology GYN  
**CPT Code(s):** 915228, 88141, 9999  
**Instrument/Location:** PATH ML  
**Tube/Container:** Vial/slide (1)  
**Tests:** Specimen Source, Specimen Type PAP, Date of Last Pap, LMP, Clinical History PAP, Performed where, Accession #, Disclaimer Pap, Specimen Adequacy, Diagnostic Interpretation/Result, Organisms Present, Non-Neo Findings, Screened, Comment PAP, Internal Comment, Reflex HPV HR?, Reflex HPV if ASCUS/LSIL?, Slide Count  
**ASTM/H7/SDF 1:** 914981  
**TAT Routine Target Times:** 007:00:00  
**Valid ICD-9 Codes:** Yes  
**Valid ICD-10 Codes:** Yes  
**Notes:** Imaged Guided Medicare 2 year screening

**Preferred specimen:** Obtain an adequate sampling from the cervix using spatula/brush or broom. Insert the central bristles of the broom into the endocervical canal deep enough to allow the shorter bristles to fully contact the ectocervix. Push gently and rotate the broom in a clockwise direction five (5) times. Rinse the broom into the vial by pushing the boom into the bottom of the vial ten (10) times, forcing the bristles apart. As a final step, swirl the broom vigorously to further dislodge material. Discard the collection device. Do not leave collection device in the vial. Remove immediately. Tighten the cap so that the torque line on the cap passes the torque line on the vial. Record the patient's name and id number on the vial. Record the patient's name and medical history on the cytology requisition.

**Specimen rejection:** Specimen will be returned if it is received without proper labeling.

**Container Type:** Preservcyt collection container  
**Transport Temperature:** Room temperature  
**Specimen Stability:** 3 weeks room temperature  
**Methodology:** Thinprep cytologic evaluation enhanced with imager
## Order Choice Information

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## Order Choice Information

### URINE PROTEIN ELECTROPHORESIS 24H

**ABBREVIATION:** 915240  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** RT TEMP URINE  
**CPT CODE(S):** 915240  
**INSTRUMENT/LOC:** SPIFE  
**TUBE/CONTAINER:** 24HR ALQ (1), 24HR JUG (1), FWD LABEL SPIFE (1)  
**TESTS:** Protein Ur Conc. Spife, Protein Ur Total Volume, 24 Hr Protein Urine Spife, % Albumin Urine, % Alpha-1 Urine, % Alpha-2 Urine, % Beta Urine, % Gamma Urine, % A2 Monoclonal Urine, % Beta Monoclonal Urine, % Gamma Monoclonal Urine, A2 Monoclonal Quantity, Beta Monoclonal Quantity, Gamma Monoclonal Quantity, UPE Interpretation  
**ASTM/HL7/SDF 1:** 915240  
**CPL:** 2809  
**ZCPL:** 2809  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:** Room Temperature (15 to 30°C) Not Recommended  
Refrigerated (2 to 8°C) 3 days  
Frozen Aliquot (-20°C) 14 days  
Freeze/Thaw 1 cycle

### URINE IMMUNOFIXATION ELECTROPHORESIS 24HR

**ABBREVIATION:** 915241  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** RT TEMP URINE  
**CPT CODE(S):** 915241  
**INSTRUMENT/LOC:** SPIFE  
**TUBE/CONTAINER:** 24HR ALQ (1), 24HR JUG (1), FWD LABEL SPIFE (1)  
**TESTS:** Protein Ur Conc. Spife, Protein Ur Total Volume, 24 Hr Protein Urine Spife, % Albumin Urine, % Alpha-1 Urine, % Alpha-2 Urine, % Beta Urine, % Gamma Urine, % A2 Monoclonal Urine, % Beta Monoclonal Urine, % Gamma Monoclonal Urine, A2 Monoclonal Quantity, Beta Monoclonal Quantity, Gamma Monoclonal Quantity, IFE Pattern, UPE/IFE Interpretation  
**ASTM/HL7/SDF 1:** 915241  
**CPL:** 9323  
**ZCPL:** 9323  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:** Room Temperature (15 to 30°C) Not Recommended  
Refrigerated (2 to 8°C) 3 days  
Frozen Aliquot (-20°C) 14 days  
Freeze/Thaw 1 cycle
## Order Choice Information

| NAME: UPE W/REFLEX IMMUNOFIX 24H | ABBREVIATION: 915242 |
| SPECIMEN TYPE: Urine | STORAGE TEMP: RM TEMP URINE |
| CPT CODE(S): 915242 | INSTRUMENT/LOC: SPIFE |
| TUBE/CONTAINER: 24HR ALQ (1), 24HR JUG (1), FWD LABEL SPIFE (1) | TESTS: Protein Ur Conc. Spife, Protein Ur Total Volume, 24 Hr Protein Urine Spife, % Albumin Urine, % Alpha-1 Urine, % Alpha-2 Urine, % Beta Urine, % Gamma Urine, % A2 Monoclonal Urine, % Beta Monoclonal Urine, % Gamma Monoclonal Urine, A2 Monoclonal Quantity, Beta Monoclonal Quantity, Gamma Monoclonal Quantity, Reflex Immunofixation Ur, UPE Interpretation |
| ASTM/HL7/SDF 1: 915242 | CPL: 2810 |
| ZCPL: 2810 | VALID ICD-9 CODES: No |
| VALID ICD-10 CODES: No | NOTES: Room Temperature (15 to 30°C) Not Recommended |
| Room Temperature (15 to 30°C) Not Recommended | Refrigerated (2 to 8°C) 3 days |
| Frozen Aliquot (-20°C) 14 days | Freeze/Thaw 1 cycle |

| NAME: URINE PROTEIN ELECTROPHORESIS RDM | ABBREVIATION: 915243 |
| SPECIMEN TYPE: Urine | STORAGE TEMP: RM TEMP URINE |
| CPT CODE(S): 915243 | INSTRUMENT/LOC: SPIFE |
| TUBE/CONTAINER: FWD LABEL SPIFE (1), RU CUP (1), RU SPIFE ALQ (1) | TESTS: Protein Ur Conc. Spife, % Albumin Urine, % Alpha-1 Urine, % Alpha-2 Urine, % Beta Urine, % Gamma Urine, % A2 Monoclonal Urine, % Beta Monoclonal Urine, % Gamma Monoclonal Urine, A2 Monoclonal Quantity, Beta Monoclonal Quantity, Gamma Monoclonal Quantity, UPE Interpretation |
| INFORMATION: RANDOM URINE. | ASTM/HL7/SDF 1: 915243 |
| CPL: 2809 | VALID ICD-9 CODES: No |
| ZCPL: 2809 | VALID ICD-10 CODES: No |
| NOTES: Room Temperature (15 to 30°C) Not Recommended | Refrigerated (2 to 8°C) 3 days |
| Frozen Aliquot (-20°C) 14 days | Freeze/Thaw 1 cycle |
Order Choice Information

NAME: URINE IMMUNOFIXATION ELECTROPHORESIS RDM
ABBREVIATION: 915244
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP URINE
CPT CODE(S): 915244
INSTRUMENT/LOC: SPIFE
TUBE(CONTAINER): FWD LABEL SPIFE (1), RU CUP (1), RU SPIFE ALQ (1)
TESTS: Protein Ur Conc. Spife, % Albumin Urine, % Alpha-1 Urine, % Alpha-2 Urine, % Beta Urine, % Gamma Urine, % A2 Monoclonal Urine, % Beta Monoclonal Urine, % Gamma Monoclonal Urine, A2 Monoclonal Quantity, Beta Monoclonal Quantity, Gamma Monoclonal Quantity, IFE Pattern, UPE/IFE Interpretation
ASTM/HL7/SDF 1: 915244
CPL: 9323
ZCPL: 9323
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Room Temperature (15 to 30°C) Not Recommended
Refrigerated (2 to 8°C) 3 days
Frozen Aliquot (-20°C) 14 days
Freeze/Thaw 1 cycle

NAME: UPE W/REFLEX IMMUNOFIX RANDOM
ABBREVIATION: 915245
SPECIMEN TYPE: Urine
STORAGE TEMP: RM TEMP URINE
CPT CODE(S): 915245
INSTRUMENT/LOC: SPIFE
TUBE(CONTAINER): FWD LABEL SPIFE (1), RU CUP (1), RU SPIFE ALQ (1)
TESTS: Protein Ur Conc. Spife, % Albumin Urine, % Alpha-1 Urine, % Alpha-2 Urine, % Beta Urine, % Gamma Urine, % A2 Monoclonal Urine, % Beta Monoclonal Urine, % Gamma Monoclonal Urine, A2 Monoclonal Quantity, Beta Monoclonal Quantity, Gamma Monoclonal Quantity, Reflex Immunofixation Ur, UPE Interpretation
ASTM/HL7/SDF 1: 915245
CPL: 2809
ZCPL: 2809
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Room Temperature (15 to 30°C) Not Recommended
Refrigerated (2 to 8°C) 3 days
Frozen Aliquot (-20°C) 14 days
Freeze/Thaw 1 cycle

NAME: ARUP HLA A
ABBREVIATION: 915246
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 915246
INSTRUMENT/LOC: CPL
TUBE(CONTAINER): CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915246
CPL: 600
ZCPL: 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
Order Choice Information

NAME: ANTI-GLIADIN IGA
ABBREVIATION: 915247
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 915247
INSTRUMENT/LOC: DS2
TUBE/CONTAINER: DS2 GOLD (1)
TESTS: D-Gliadin IgA
ASTM/HL7/SDF 1: 915247
CPL: 4719
ZCPL: 4719
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation:
None

Test includes:
Anti-Gliadin IgA

Specimen collection:
Gold top (SST)

Specimen storage and preservation:
After testing, 1 week refrigerated.

Conditions for specimen transportation:
Room temperature up to 8 hours; Refrigerated

Specimen processing:
Centrifuge @ 3000 rpm for 10 minutes.

Specimen acceptability:
Serum; Within 48 hours if refrigerated

Specimen rejection:
Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.

Freeze/Thaw:
1 cycle

Methodology:
ELISA

Specimen Referral:
None
### Order Choice Information

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**Notes:**
- Patient preparation: None
- Test includes: Anti-Gliadin IgG
- Specimen collection: Gold top (SST)
- Specimen storage and preservation: After testing, 1 week refrigerated.
- Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated
- Specimen processing: Centrifuge @ 3000 rpm for 10 minutes.
- Specimen acceptability: Serum; Within 48 hours if refrigerated
- Specimen rejection: Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.
- Freeze/Thaw: 1 cycle
- Methodology: ELISA
- Specimen Referral: None
**Order Choice Information**

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**NOTES:**

- Patient preparation: None
- Test includes: Tissue Transglutaminase IgA
- Specimen collection: Gold top (SST)
- Specimen storage and preservation: After testing, 1 week refrigerated.
- Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated
- Specimen processing: Centrifuge @ 3000 rpm for 10 minutes.
- Specimen acceptability: Serum; Within 48 hours if refrigerated
- Specimen rejection: Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.
- Freeze/Thaw: 1 cycle
- Methodology: ELISA
- Specimen Referral: None
Order Choice Information

NAME: TISSUE TRANSGLUTAMINASE IGG
ABBREVIATION: 915250
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 915250
INSTRUMENT/LOC: DS2
TUBE/CONTAINER: DS2 GOLD (1)
TESTS: t-TG IgG
ASTM/HL7/SDF 1: 915250
CPL: 4720
ZCPL: 4720
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
  Patient preparation:
    None
  Test includes:
    Tissue Transglutaminase IgG
  Specimen collection:
    Gold top (SST)
  Specimen storage and preservation:
    After testing, 1 week refrigerated.
  Conditions for specimen transportation:
    Room temperature up to 8 hours; Refrigerated
  Specimen processing:
    Centrifuge @ 3000 rpm for 10 minutes.
  Specimen acceptability:
    Serum; Within 48 hours if refrigerated
  Specimen rejection:
    Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.
  Freeze/Thaw:
    1 cycle
  Methodology:
    ELISA
  Specimen Referral:
    None
NAME: CELIAC DISEASE PANEL
ABBREVIATION: 915251
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 915251
INSTRUMENT/LOC: DS2
TUBE/CONTAINER: DS2 GOLD (1)
TESTS: D-Gliadin IgA, D-Gliadin IgG, t-TG IgA, t-TG IgG
ASTM/HL7/SDF I: 915251
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation:
  None

Test includes:
  Gliadin IgA; Gliadin IgG; Tissue Transglutaminase IgA; Tissue Transglutaminase IgG

Specimen collection:
  Gold top (SST)

Specimen storage and preservation:
  After testing, 1 week refrigerated.

Conditions for specimen transportation:
  Room temperature up to 8 hours; Refrigerated

Specimen processing:
  Centrifuge @ 3000 rpm for 10 minutes.

Specimen acceptability:
  Serum; Within 48 hours if refrigerated

Specimen rejection:
  Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.

Freeze/Thaw:
  1 cycle

Methodology:
  ELISA

Specimen Referral:
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<td><strong>CPL:</strong></td>
<td>4611</td>
</tr>
<tr>
<td><strong>ZCPL:</strong></td>
<td>4611</td>
</tr>
<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>NOTES:</strong></td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>2 days room temperature; 10 days refrigerated; indefinite frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Gross hemolysis lipemia</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Enzyme-linked immunosorbent assay (ELISA)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: ALPHA 1 ANTITRYPSIN GENOTYPE
ABBREVIATION: 915254
SPECIMEN TYPE: EDTA WB AND SERUM
STORAGE TEMP: REFRIG
CPT CODE(S): 915254
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1), CPL PLAIN RED (1), CPL SERUM ALQ (1)
TESTS: No tests in this specimen
INFORMATION: REFRIGERATE EDTA WHOLE BLOOD AND SERUM ALIQUOT
ASTM/HL7/SDF 1: 915254
CPL: 4145
LABCORP: 511881
ZCPL: 4145
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube and serum separator tube

Specimen Processing:
1 mL serum and 3 mL EDTA whole blood. Allow SST to clot in
an upright position for at least 30 minutes, then centrifuge
sample within 2 hours of collection. Transfer serum to a
plastic transport tube. Refrigerate both serum and whole
blood samples.

Volume
3 mL whole blood and 1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
Whole blood: 3 days room temperature;

Specimen Rejection:
Frozen whole blood

Methodology:
Immunoturbidometric/polymerase chain reaction

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: TUMOR NECROSIS ALPHA
ABBREVIATION: 915261
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 915261
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: Separate serum within 30min when collected. Critical Frozen.
ASTM/HL7/SDF 1: 915261
CPL: 5298
ZCPL: 5298
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.
Volume
0.3 mL frozen serum
Conditions for specimen transportation:
Critical frozen (CFZ)
Specimen Acceptability:
After separation from cells: 30 minutes room temperature; unaccepteable refrigerated; 1 year frozen
Specimen Rejection:
Room temperature samples
refrigerated samples
contaminated samples
heat-inactivated samples
Methodology:
Quantitative multiplex bead assay
Specimen Referral:
Clinical Pathology Laboratories

NAME: FAMILIAL MEDITERRANEAN FEVER
ABBREVIATION: 915262
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 915262
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915262
CPL: WILD 600
ZCPL: WILD 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NAME: MI2 ANTIBODY
ABBREVIATION: 915265
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 915265
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915265
CPL: 5770
ZCPL: 5770
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
0.6 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days room temperature; 1 week refrigerated; 2 months frozen

Methodology:
Immunoprecipitation (ipp)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: CRYOGLOB. QUAL REFLEX IG/IA/IM</th>
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<tr>
<td>ABBREVIATION: 915266</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: CR RM TEMP</td>
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<tr>
<td>CPT CODE(S): 915266</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: C3595 PLRED (1), C3595A SRM CR RT (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: Collect in pre-warmed plain red top tube. Warm @ 37 degrees C for 30 min and spin down. Seal serum tube with RED TAPE! CRITICAL ROOM TEMP.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 915266</td>
</tr>
<tr>
<td>CPL: 5030</td>
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<tr>
<td>ZCPL: 5030</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Patient Preparation:</td>
</tr>
<tr>
<td>Fasting</td>
</tr>
</tbody>
</table>

Specimen Collection:
Plain red top tube

Specimen Processing:
Collect 7ml blood in a pre-warmed (37c) plain red top tube.
Maintain sample at 37c until clotting is complete.
Centrifuge sample and separate serum from cells within 1 hour of collection. Transfer 3 mL serum to a plastic transport tube. Room temperature.
Note: proper collection and transport of sample is critical to the outcome of the test.
Patients must be fasting prior to collection.

Volume
3 mL serum

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
1 week room temperature; 1 week refrigerated;

Specimen Rejection:
Gross hemolysis

Methodology:
Cold precipitation/nephelometry

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
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<th>NAME: CYSTATIN C</th>
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<tbody>
<tr>
<td>ABBREVIATION: 915293</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 915293</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL ALQ1 (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 915293</td>
</tr>
<tr>
<td>CPL: 5798</td>
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<td>ZCPL: 5798</td>
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<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>After separation from cells: 2 days room temperature; 1 week refrigerated; 2 months frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Gross hemolysis</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Nephelometry</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
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</table>
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>E. HISTOLYTICA STOOL AG</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>915295</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>STOOL</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>915295</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CUP (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>5 ML WATERY OR MARBLE SIZE FORMED STOOL. IF TESTING WILL NOT BE PERFORMED WITHIN 48 HOURS OF COLLECTION, FREEZE.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>915295</td>
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<tr>
<td>CPL:</td>
<td>5686</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>5686</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Stool collection container</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 gram fresh stool. Refrigerate. Note: will reject samples submitted in preservatives.</td>
</tr>
<tr>
<td>Volume:</td>
<td>1 gram stool</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>Unacceptable room temperature; 2 days refrigerated; 1 week frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Samples submitted in preservative samples that have been concentrated samples submitted in viral transport media samples submitted in tissue paper or diapers leaking containers</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Immunoassay/spectrophotometry</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
### Order Choice Information

**NAME:** GROWTH HORMONE PROFILE  
**ABBREVIATION:** 915296  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 915296  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ BASE (1), CPL ALQ2 (1), CPL ALQ3 (1), CPL ALQ4 (1), CPL ALQ5 (1), CPL SST BASE (1), CPL SST2 (1), CPL SST3 (1), CPL SST4 (1), CPL SST5 (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 915296  
**CPL:** 4760  
**ZCPL:** 4760  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
4 or 5 samples with 1 mL serum in each. Separate serum from cells and mark with time of collection. Freeze.  
Volume  
0.5 mL serum  
Conditions for specimen transportation:  
Freeze  
Specimen Acceptability:  
Freeze  
Methodology:  
Immulite 2000 chemiluminescence quantitative method  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

* Research/Experimental *

NAME: FIBROBLAST GROWTH FACTOR 23
ABBREVIATION: 915302
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL EDTA ALQ (1), CPL LAV2 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915302
CPL: 4735
ZCPL: 4735
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
1.5 mL EDTA plasma. Centrifuge sample and separate plasma from cells immediately. Transfer plasma to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL plasma

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
Unacceptable room temperature; 1 week refrigerated; 3 months frozen

Specimen Rejection:
Hemolysis

Methodology:
Immunometric enzyme assay

Specimen Referral:
Clinical Pathology Laboratories
NAME: HELICOBACTER PYLORI IGG QUANT
ABBREVIATION: 915310
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 915310
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915310
CPL: 4672
LABCORP: 162289
ZCPL: 4672
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 7 days refrigerated; 6 months frozen

Specimen Rejection:
Hemolysis
Lipemia

Methodology:
Chemiluminescence

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>IODINE SERUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>915327</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>915327</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL TR/MET RBLUE (1), CPL TR/METAL ALQ (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>DIET, MEDICATION, AND NUTRITIONAL SUPPLEMENTS MAY INTRODUCE INTERFERING SUBSTANCES. PATIENTS SHOULD BE ENcouraged TO DISCONTINUE NUTRITIONAL SUPPLEMENTS, VITAMINS, MINERALS, NONESSENTIAL OVER-THE-COUNTER MEDICATIONS FOR 48 HOURS ON THE ADVICE OF THEIR PHYSICIAN. IN ADDITION, THE ADMINISTRATION OF IODINE-BASED CONTRAST MEDIA AND DRUGS CONTAINING IODINE MAY YIELD ELEVATED RESULTS. DURING VENIPUNCTURE, DO NOT USE DISINFECTANTS (SUCH AS BETADINE) THAT CONTAIN IODINE. ASTM/HL7/SDF 1: 915327</td>
</tr>
<tr>
<td>CPL:</td>
<td>5705</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>5705</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Trace metal-free (royal blue top) tube with no additive</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>2 mL serum from a royal blue trace metal-free tube with no additive. Allow sample to clot in an upright position for at least 30 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td>Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and nonessential over-the-counter medications for 48 hours prior to collection (upon the advice of their physician). In addition, the administration of iodine-based contrast media and drugs containing iodine may yield elevated results. During venipuncture, do not use disinfectants (such as betadine) that contain iodine. Volume</td>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Transport Temperature</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>30 days room temperature; 30 days refrigerated; 30 days frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Samples not received in trace element-free transport tubes samples not separated from cells within 6 hours of collection serum collected within 48 hours after administration of a gadolinium or iodine-containing contrast media (may occur with mri studies) plasma</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Inductively coupled plasma/mass spectrometry (icp/ms)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: LEPTOSPIRA CULTURE
ABBREVIATION: 915333
SPECIMEN TYPE: NAHEP WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 915333
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL NAHEP DK GRN (2)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915333
CPL: 5359
ZCPL: 5359
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Heparin (green top) tube
Specimen Processing:
Bactec aerobic resin bottle or other commercial blood culture bottles. Collect using standard blood culture procedure. Collect Monday through Friday only. Critical room temperature (CRT) Blood should be collected within the first week of illness.
Volume
10 mL whole blood
Conditions for specimen transportation:
Critical Room temperature (CRT)
Specimen Acceptability:
2 days room temperature
Specimen Rejection:
EDTA whole blood samples
Methodology:
Standard culture techniques
Specimen Referral:
Clinical Pathology Laboratories

NAME: LEPTOSPIROSIS URINE CULTURE
ABBREVIATION: 915335
SPECIMEN TYPE: URINE
STORAGE TEMP: REFRIG
CPT CODE(S): 915335
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL RU CUP (1)
TESTS: No tests in this specimen
INFORMATION: 10 mL Urine, refrigerated
ASTM/HL7/SDF 1: 915335
CPL: 5359
ZCPL: 5359
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NAME: SILVER, SERUM/PLASMA
ABBREVIATION: 915339
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 83789
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL TR/MET RBLUE (1), CPL TR/METAL ALQ (1)
TESTS: No tests in this specimen
INFORMATION: Trace metal free tube, separate serum. Transfer to trace free-metal free container, protect from light, refrigerate.
ASTM/HL7/SDF 1: 915339
CPL: 4053
ZCPL: 4053
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Royal blue trace metal-free tube with no anticoagulant

Specimen Processing:
1 ML SERUM FROM A ROYAL BLUE TRACE METAL-FREE TUBE WITH NO ADDITIVE. ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 20 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE IMMEDIATELY. CLEARLY LABEL TUBE AS SERUM FROM A ROYAL BLUE TOP TUBE. PROTECT SAMPLE FROM LIGHT DURING COLLECTION, STORAGE AND TRANSPORT. REFRIGERATE.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated protect from light

Specimen Acceptability:
2 weeks room temperature; 2 weeks refrigerated; 2 weeks frozen

Specimen Rejection:
Hemolysis
lipemia
samples collected in serum separator tube
samples not protected from light

Methodology:
Inductively coupled plasma/mass spectrometry (icp/ms)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: 6-TG (THIOPURINE METABOLITES)</th>
<th>ABBREVIATION: 915348</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 915348</td>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL LAV (1)</td>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: Must send Prometheus Requisition w/ CPL req and 5ml whole blood.</td>
<td>ASTM/HL7/SDF 1: 915348</td>
</tr>
<tr>
<td>CPL: Wild to Prometheus</td>
<td>ZCPL: Wild to Prometheus</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
<td>VALID ICD-10 CODES: No</td>
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</table>

**CPL:** Wild to Prometheus

**ZCPL:** Wild to Prometheus

**VALID ICD-9 CODES:** No

**VALID ICD-10 CODES:** No
NAME: PLASMINOGEN ACTIVATOR INHIBITOR-1
ABBREVIATION: 915353
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 915353
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ1 (1), CPL ALQ2 (1), CPL LT BLUE1 (1), CPL LT BLUE2 (1)
TESTS: No tests in this specimen
INFORMATION: Draw between 8am and noon.
ASTM/HL7/SDF 1: 915353
CPL: 5595
ZCPL: 5595
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Citrate (light blue top) tube

Specimen Processing:
2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ).
Collect sample between 8 AM and 12 PM (noon). When multiple tests are ordered, submit separate tube for this test.

Volume
0.5 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: 1 hour room temperature; unacceptable refrigerated; 1 months frozen

Specimen Rejection:
Hemolysis
room temperature samples
refrigerated samples

Methodology:
Bioimmunoassay

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>Name:</th>
<th>PARANEOPLASTIC ANTIBODY PANEL</th>
</tr>
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<tbody>
<tr>
<td>Abbreviation:</td>
<td>915356</td>
</tr>
<tr>
<td>Specimen Type:</td>
<td>Serum</td>
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<td>Storage Temp:</td>
<td>REFRIG</td>
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<tr>
<td>CPT Code(s):</td>
<td>915356</td>
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<tr>
<td>Instrument/LOC:</td>
<td>CPL</td>
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<tr>
<td>Tube/Container:</td>
<td>CPL SST1 (1)</td>
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<tr>
<td>Tests:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF:</td>
<td>915356</td>
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<td>CPL:</td>
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<tr>
<td>Valid ICD-9 Codes:</td>
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<td>Valid ICD-10 Codes:</td>
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<tr>
<td>Notes:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Plain red top tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>4 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td>Volume:</td>
<td>4 mL serum</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>3 days room temperature; 2 weeks refrigerated;</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Icteric samples</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Indirect immunofluorescence assay (IFA)/</td>
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<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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</table>
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>TSH Receptor Antibody</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>915361</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>915361</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SST GOLD (1), CPL SRM FZN (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>Yes</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**

Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Note: do not collect samples from patients on heparin therapy. Samples should not be taken from patients receiving therapy with high biotin doses (>5 mg/day) until at least 8 hours following the last biotin administration.

Volume
1 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
3 days refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis

Methodology:
Electrochemiluminescent immunoassay (eclia)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: HERPES SIMPLEX 1/2 PCR (BLOOD)
ABBREVIATION: 915369
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 915369
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915369
CPL: 4853
ZCPL: 4853
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sterile collection container

Specimen Processing:
1 mL CSF, bronchoalveolar lavage, ocular fluid, amniotic fluid in a sterile collection container. Freeze.
Indicate source of specimen on requisition.
1 mL vesicle fluid in viral transport media. Freeze.
Indicate source of specimen on requisition.
Tissue in a sterile collection container. Freeze.
Critical frozen. Indicate source of specimen on requisition.
When multiple tests are ordered, submit separate sample for this test.

Volume
0.5 mL fluid

Conditions for specimen transportation:
Frozen freeze tissue immediately

Specimen Acceptability:
Tissue: unacceptable room temperature; unacceptable refrigerated; 3 months frozen all other sample types: 8 hours room temperature; 3 days refrigerated; 3 months frozen

Methodology:
PCR

Specimen Rejection:
Hemolysis
heparin plasma

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: PEMPHIGOID PANEL</th>
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<tr>
<td>ABBREVIATION: 915402</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: REFRIG</td>
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<td>CPT CODE(S): 915402</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>INFORMATION: A COMPLETED HISTORY FORM MUST ACCOMPANY SAMPLE.</td>
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<td>CPL: 5778</td>
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<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
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<tr>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
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<tr>
<td>2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. A completed history form must accompany sample.</td>
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<tr>
<td>Volume</td>
</tr>
<tr>
<td>2 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
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<tr>
<td>Refrigerated</td>
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<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>1 week room temperature; 2 weeks refrigerated;</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
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<tr>
<td>Hemolysis</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Enzyme-linked immunosorbent assay (ELISA)/</td>
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<tr>
<td>Specimen Referral:</td>
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<td>Clinical Pathology Laboratories</td>
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Order Choice Information

NAME: PEMPHIGUS PANEL
ABBREVIATION: 915403
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 915403
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: A COMPLETED HISTORY FORM MUST ACCOMPANY SAMPLE.
ASTM/HL7/SDF 1: 915403
CPL: 5777
ZCPL: 5777
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate. A completed history form must accompany
sample.

Volume
2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week room temperature; 2 weeks refrigerated;

Specimen Rejection:
Hemolysis

Methodology:
Enzyme-linked immunosorbent assay (ELISA)/

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** AC BORDETELLA IGA/IGG/IGM  
**ABBREVIATION:** 915419  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 915419  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF** 1: 915419  
**CPL:** 3990  
**ZCPL:** 3990  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label samples as acute or convalescent.  

**Volume**  
2 mL  

**Conditions for specimen transportation:**  
Refrigerated  

**Specimen Acceptability:**  
After separation from cells:  

**Specimen Rejection:**  
Lipemia  

**Methodology:**  
Semi-quantitative enzyme-linked immunosorbent  

**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: AC DENGUE FEVER IGG/IGM ABS
ABBREVIATION: 915534
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 915534
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915534
CPL: 5334
ZCPL: 5334
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate. Note: parallel testing is preferred and
convalescent samples must be received within 30 days of
receipt of acute samples. Clearly label sample as acute
or convalescent.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
contaminated samples
heat-inactivated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>BK VIRUS QNT PCR, PLASMA</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>EDTA PLASMA</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
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<tr>
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<th>CULTURE H. DUCREYI</th>
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<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<td>VALID ICD-10 CODES:</td>
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</table>
# Name: Chlamydia/Gonorrhea DNA Urine

## Abbreviation: 915560

## Specimen Type: Urine CTNG

## Storage Temp: RM TEMP

## CPT Code(s): 915560

## Instrument/LOC: COBAS 4800

## Tube/Container: CUP (2)

## Tests: Chlamydia trachomatis, Neisseria gonorrhoeae, CTNG order

## ASTM/HL7/SDF 1: 915560

## Valid ICD-9 Codes: No

## Valid ICD-10 Codes: No

### Notes:

- **Patient preparation:**
  - None

- **Test includes:**
  - C. trachomatis (CT), N. gonorrhoeae (NG)

- **Specimen collection:**
  - Male and female urine collected with the cobas® PCR Urine Sample Kit; Sterile urine cup

- **Specimen storage and preservation:**
  - Stored at 2-30 °C (room temp. or refrigerated) once in PCR Urine Sample Kit for up to 6 months

- **Conditions for specimen transportation:**
  - Transports at 2-30°C (room temp. or refrigerated) in the cobas® PCR Urine Sample Kit;
    - 2-8°C in sterile urine cup

- **Specimen processing:**
  - Transfer urine samples collected in the sterile cup to the cobas® PCR Urine Sample Kit

- **Specimen acceptability:**
  - Male and female urine collected with the cobas® PCR Urine Sample Kit or urine collected in sterile urine cup and receive by the lab within 24 hrs after collection.

- **Specimen rejection:**
  - Urine samples collected in sterile cup received by the lab after 24 hrs of collection; Frozen

- **Freeze/Thaw:**
  - Do not freeze

- **Methodology:**
  - Polymerase Chain Reaction (PCR)

- **Specimen referral:**
  - Positive specimens are reported to the Texas Department of State and Health Services
Order Choice Information

NAME: MLH1
ABBREVIATION: 915567
SPECIMEN TYPE: WB EDTA
STORAGE TEMP: RM TEMP
CPT CODE(S): 915567
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV1 (1)
TESTS: No tests in this specimen
INFORMATION: Call CPL for STAT pick-up!!!
ASTM/HL7/SDF 1: 915567
CPL: Wild 600
ZCPL: Wild 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NAME: MSH2
ABBREVIATION: 915568
SPECIMEN TYPE: WB EDTA
STORAGE TEMP: RM TEMP
CPT CODE(S): 915568
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV2 (1)
TESTS: No tests in this specimen
INFORMATION: Call CPL for STAT pick-up!!!
ASTM/HL7/SDF 1: 915568
CPL: Wild 600
ZCPL: Wild 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NAME: MSH6
ABBREVIATION: 915569
SPECIMEN TYPE: WB EDTA
STORAGE TEMP: RM TEMP
CPT CODE(S): 915569
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV3 (1)
TESTS: No tests in this specimen
INFORMATION: Call CPL for STAT pick-up!!!
ASTM/HL7/SDF 1: 915569
CPL: Wild 600
ZCPL: Wild 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NAME:  TPMT ENZYME ACTIVITY, RBC
ABBREVIATION:  915574
SPECIMEN TYPE:  EDTA WB
STORAGE TEMP:  CR REFRIG
CPT CODE(S):  915574
INSTRUMENT/LOC:  CPL
TUBE/CONTAINER:  CPL LAV (1)
TESTS:  No tests in this specimen
ASTM/HL7/SDF 1:  915574
CPL:  4738
ZCPL:  4738
VALID ICD-9 CODES:  No
VALID ICD-10 CODES:  No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Critical refrigerate (CRF).

Volume
3 mL whole blood

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
3 hours room temperature; 6 days refrigerated; unacceptable frozen

Specimen Rejection:
Hemolysis
room temperature samples
frozen samples
sodium fluoride (gray top) whole blood

Methodology:
Enzymatic/liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** PARASITE ID GROSS EXAM  
**ABBREVIATION:** 915650  
**SPECIMEN TYPE:** MISC  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 915650  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL CUP (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 915650  
**CPL:** 7001  
**ZCPL:** 7001  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
- Specimen Collection: 
  - Specimen collection container  
  
- Specimen Processing:  
  - Parasite immediately placed into formalin or alcohol.  
  - Room temperature.  
  
- Conditions for specimen transportation:  
  - Room temperature  
  
- Specimen Rejection:  
  - Will reject if not preserved within 24 hours of collection  
  
- Methodology:  
  - Macroscopic and microscopic examination  
  
- Specimen Referral:  
  - Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>VARICELLA ZOSTER AB IGG</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<td>SPECIMEN TYPE:</td>
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<td>INSTRUMENT/LOC:</td>
<td>BIOPLEX</td>
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<td>TUBE/CONTAINER:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Patient preparation: None</td>
</tr>
</tbody>
</table>

**Test includes:** Varicella Zoster AB IgG

**Specimen collection:** Gold top (SST)

**Specimen storage and preservation:** After testing, 1 week refrigerated

**Conditions for specimen transportation:** Room temperature up to 8 hours; Refrigerated

**Specimen processing:** Centrifuge @ 3000 rpm for 10 minutes.

**Specimen acceptability:** Serum; Within 7 days if refrigerated

**Specimen rejection:** Samples received beyond specimen acceptability period

**Freeze/Thaw:** 1 cycle

**Methodology:** Multiplex Flow Immunoassay

**Specimen referral:** None
NAME: IODINE 24HR URINE
ABBREVIATION: 915711
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 915711
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL 24HR UR (1), CPL 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 915711*
CPL: 5851*
ZCA: *
ZIG: *
UROL: *
QUEST: *
LABCORP: *
ZOXF: *
ND: *
ZCPL: 5851*
IG: *
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total volume. Transfer 10 mL aliquot from a well-mixed 24 hour collection to a plastic transport tube. Refrigerate.
Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be advised to discontinue nutritional supplements, vitamins, minerals, and nonessential over-the-counter medications for 48 hours prior to collection (upon the advice of their physician). In addition, the administration of iodine-based contrast media and drugs containing iodine may yield elevated results. Specimen must be collected in a plastic container and should be refrigerated after collection.

Volume
1 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 months room temperature; 2 months refrigerated; 2 months frozen

Specimen Rejection:
Samples not received in a trace element-free tube
urine collected within 48 hours after the administration of a gadolinium or iodine containing contrast media
acid-preserved urine

Methodology:
Inductively coupled plasma-mass spectrometry (ICP-MS)

Specimen Referral:
Clinical Pathology Laboratories
2HR ORAL GLUCOSE TOLERANCE TEST
ABBREVIATION: 915713
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 915713
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Glucose Fasting, Glucose 2Hr Post
INFORMATION: Collect fasting; give 75 gms then collect 2hr post.
ASTM/HL7/SDF 1: 915713
CPL: 2110
ZCPL: 2110
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: Patient should fast for 12 hours preceding collection of specimen. Draw Fasting Glucose specimen before administering Glucose drink. Patient should be given 75 grams of glucose drink and should be consumed in 5 minutes. If patient is a pediatric patient and weighs less than 94 pounds, amount given is based on patient weight. Calculate appropriate amount using one of the factors below:
0.8 grams/pound or 1.75 grams/Kilogram of body weight

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Lipemia, Improper Container or Labeling.

Methodology: Glucose Oxidase

Specimen Referral: None
### Order Choice Information

<table>
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<th>NAME: LIPOPROTEIN BASIC PANEL</th>
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<td>SPECIMEN TYPE: Serum</td>
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<td>INSTRUMENT/LOC: CPL</td>
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<td>TUBE/CONTAINER: CPL SST TIGER (3)</td>
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<td>TESTS: No tests in this specimen</td>
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<td>NOTES: 1/17/2012 9:56 AM: Specimen requirement updated.</td>
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<table>
<thead>
<tr>
<th>NAME: TORCH ANTIBODIES IGM</th>
<th>ABBREVIATION: 915733</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIMEN TYPE: Serum</td>
<td></td>
</tr>
<tr>
<td>STORAGE TEMP: REFRIG</td>
<td></td>
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<tr>
<td>CPT CODE(S): 915733</td>
<td></td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
<td></td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL ALQ2 (1), CPL SST2 (1)</td>
<td></td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
<td></td>
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<tr>
<td>ASTM/HL7/SDF 1: 915733</td>
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<td>CPL: 5644</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
<td></td>
</tr>
<tr>
<td>NOTES: Specimen Processing:</td>
<td></td>
</tr>
<tr>
<td>4 ML serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to plastic transport tube. Refrigerate.</td>
<td></td>
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<tr>
<td>Specimen Referral:</td>
<td></td>
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<tr>
<td>Clinical Pathology Laboratories</td>
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</tbody>
</table>
### Order Choice Information

**NAME:** HYDROCODONE  
**ABBREVIATION:** 915739  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 82646  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL PLAIN RED 1 (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 915739  
**CPL:** 5250  
**ZCPL:** 5250  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Plain red top tube  
Specimen Processing:  
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 4 hours of collection. Refrigerate.  
**Volume**  
0.5 mL serum  
**Conditions for specimen transportation:**  
Refrigerated  
**Specimen Acceptability:**  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  
**Specimen Rejection:**  
Samples collected in serum separator tube  
**Methodology:**  
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)  
**Specimen Referral:**  
Clinical Pathology Laboratories

---

**NAME:** VMA RANDOM URINE  
**ABBREVIATION:** 915741  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 915741  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL RU CUP (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** ROOM TEMP NOT ACCEPTABLE  
**ASTM/HL7/SDF 1:** 915741  
**CPL:** 4889  
**ZCPL:** 4889  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
# Order Choice Information

**NAME:** FULL GENE SEQUENCE (89461)  
**ABBREVIATION:** 915745  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 915745  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** Send in original collection container.  
**ASTM/HL7/SDF 1:** 915745  
**CPL:** WILD 600  
**ZCPL:** WILD 600  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

**NAME:** VITAMIN B-3 NIACIN  
**ABBREVIATION:** 915753  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 915753  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL PLAIN RED (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 915753  
**CPL:** 4955  
**ZCPL:** 4955  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

**NOTES:**  
Specimen Collection:  
Plain red top tube

Specimen Processing:  
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume  
1 mL serum

Conditions for specimen transportation:  
Refrigerated

Specimen Acceptability:  
After separation from cells: 1 day room temperature; 1 week refrigerated; 1 month frozen

Specimen Rejection:  
Samples collected in serum separator tube  
samples collected in plasma separator tube

Methodology:  
High performance liquid chromatography/tandem mass spectrometry (LC-MS/MS)

Specimen Referral:  
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>Name:</th>
<th>Salivary Cortisol</th>
</tr>
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<tbody>
<tr>
<td>Abbreviation:</td>
<td>915754</td>
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<tr>
<td>Specimen Type:</td>
<td>Saliva</td>
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<td>Storage Temp:</td>
<td>Refrig</td>
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<td>CPT Code(s):</td>
<td>915754</td>
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<tr>
<td>Instrument/LOC:</td>
<td>CPL</td>
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<tr>
<td>Tube/Container:</td>
<td>Swab (1)</td>
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<tr>
<td>Tests:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>Information:</td>
<td>Specimen must be collected between 11pm and 1am. Do not collect within 60 minutes of eating. See instructions for collection.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
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<tr>
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<td>Valid ICD-9 Codes:</td>
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</tr>
<tr>
<td>Valid ICD-10 Codes:</td>
<td>No</td>
</tr>
<tr>
<td>Notes:</td>
<td>Specimen Collection: Salivette swab</td>
</tr>
</tbody>
</table>

### Specimen Collection:
Collect saliva in plain cotton salivette collection kit. Do not collect within 60 minutes after eating, within 12 hours of alcohol consumption, immediately after brushing teeth or after any activity that may cause gums to bleed. Rinse mouth thoroughly with warm water 10 minutes before specimen collection. The swab should be placed under the tongue for 2 minutes or until saturated. Collection time must be provided. Collect sample between 11pm and 1am. Refrigerate.

### Conditions for specimen transportation:
Refrigerated

### Specimen Acceptability:
1 week room temperature; 3 weeks refrigerated; 6 months frozen

### Specimen Rejection:
Samples not collected in salivette kit  
samples with pH <3.5 or >9.0  
samples with visible contamination, blood, food, mucus, or other cellular debris

### Methodology:
Enzyme immunoassay (eia)

### Specimen Referral:
Clinical Pathology Laboratories
| **NAME:** PROLACTIN DILUTION  
| **ABBREVIATION:** 915756  
| **SPECIMEN TYPE:** Serum  
| **STORAGE TEMP:** RM TEMP  
| **CPT CODE(S):** 915756  
| **INSTRUMENT/LOC:** BCI DXC 880i  
| **TUBE/CONTAINER:** LT GRN (1)  
| **TESTS:** Prolactin, Undiluted, Prolactin 1:100 Dilution, Prolactin 1:200 Dilution  
| **INFORMATION:** Draw Prolactin Undiluted only. Forward D100 and D200 labels to Chemistry section.  
| **ASTM/HL7/SDF 1:** 915722  
| **VALID ICD-9 CODES:** No  
| **VALID ICD-10 CODES:** No  
| **NOTES:**  
| Patient Preparation: None  

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
Specimen Storage and Preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days  
Conditions for Specimen Transportation: Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
Specimen Acceptability: SST - Serum  
Freeze Thaw Cycle: 1 cycle  
Specimen Rejection: Improper Container or Labeling  
Methodology: Chemiluminescence Immunoassay  
Specimen Referral: None
NAME: NOREPINEPHRINE (STANDING)
ABBREVIATION: 915762
SPECIMEN TYPE: NAHEP PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 915762
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: C4211 DKGRN (1), C4211A PL FZN (1)
TESTS: No tests in this specimen
INFORMATION: ALLOW PATIENT TO STAND FOR TWO MINUTES PRIOR TO DRAWING BLOOD.
ASTM/HL7/SDF 1: 915762
CPL: 4211
ZCPL: 4211
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium or lithium heparin (green top) tube
Specimen Processing:
4 mL heparin plasma. Chill tubes prior to collection.
Patient should be calm and in supine position
30 minutes prior to collection. Centrifuge sample and separate plasma from cells within 1 hour of collection.
Transfer plasma to a plastic transport tube. Freeze.
Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
2.1 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
After separation from cells: unacceptable room temperature; unacceptable refrigerated; 1 month frozen

Specimen Rejection:
Room temperature samples
refrigerated samples
EDTA plasma
serum
urine

Methodology:
High performance liquid chromatography (hplc)

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

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<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
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<td>NAME:</td>
<td>21-HYDROXYLASE AB</td>
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<tr>
<td>ABBREVIATION:</td>
<td>915766</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<td>CPT CODE(S):</td>
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<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL PLAIN RED (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>INFORMATION:</td>
<td>ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE WITHIN 2 HOURS OF COLLECTION. FREEZE. SEND SIGNED ABN TO CPL.</td>
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<tr>
<td>CPL:</td>
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<td>VALID ICD-10 CODES:</td>
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<td>NOTES:</td>
<td>Specimen Collection:</td>
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<tr>
<td></td>
<td>Plain red top tube</td>
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<tr>
<td>Specimen Collection:</td>
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<tr>
<td>Specimen Processing:</td>
<td>1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze. When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume:</td>
<td>1 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>After separation from cells: unacceptable room temperature; 1 week refrigerated; 6 months frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis</td>
</tr>
<tr>
<td></td>
<td>room temperature samples</td>
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<tr>
<td>Methodology:</td>
<td>Radioimmunoassay (ria)</td>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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</table>
Order Choice Information

NAME: TSH DILUTION
ABBREVIATION: 915777
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 915777
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: TSH, Undiluted, TSH 1:100 Dilution, TSH 1:200 Dilution
ASTM/HL7/SDF 1: 915777
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling
Methodology: Chemiluminescence Immunoassay
Specimen Referral: None

NAME: VHL FULL GENE ANALYSIS
ABBREVIATION: 915887
SPECIMEN TYPE: WB EDTA
STORAGE TEMP: REFRIG
CPT CODE(S): 915887
INSTRUMENT/LOC: ATH
TUBE/CONTAINER: LAV (2)
TESTS: No tests in this specimen
INFORMATION: Doctor must fill out requisition. Send to Athena. 10ml whole blood required.
ASTM/HL7/SDF 1: 915887
CPL: 858
ZCPL: 858
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
**NAME:** REDUCED ENA PANEL  
**ABBREVIATION:** 915890  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 915890  
**INSTRUMENT/LOC:** BIOPLEX  
**TUBE/CONTAINER:** SST TIGER (1)  
**TESTS:** ANTI-SSA (EIA), ANTI-SSB (EIA), ANTI-SCL 70 (EIA), ANTI-JO1 (EIA), ANTI-SSA, ANTI-SSB, ANTI-SCL 70, ANTI-JO-1  
**INFORMATION:** Place FORWARD EXTRA PHD LABEL in bag with SST.  
**ASTM/HL7/SDF 1:** 915890  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient preparation: None  
Test includes: Anti-SSA, Anti-SSB (EIA), Anti-SCL-70 (EIA), Anti-JO-1  
Specimen collection: Gold top (SST)  
Specimen storage and preservation: After testing, 1 week refrigerated  
Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated  
Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.  
Specimen acceptability: Store sera at 2-8°C. Freeze sera at -20°C if not tested within 24 hours.  
Specimen rejection: Samples received beyond specimen acceptability period  
Freeze/Thaw: 1 cycle  
**Methodology:** Anti-SSA, Anti-SCL-70 (EIA), Anti-JO1 - Multiplex Flow Immunoassay; Anti SSB - ELISA  
Specimen referral: None
### Order Choice Information

**NAME:** CELL HGB RETIC  
**ABBREVIATION:** 915918  
**SPECIMEN TYPE:** WB EDTA  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 915918  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV1 (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 915918  
**CPL:** 5617  
**ZCPL:** 5617  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
**Specimen Collection:**  
EDTA (lavender top) tube  

**Specimen Processing:**  
3 mL EDTA whole blood. Refrigerate.  

**Volume**  
1 mL whole blood  

**Conditions for specimen transportation:**  
Refrigerated  

**Specimen Acceptability:**  
1 day room temperature; 36 hours refrigerated  

**Specimen Rejection:**  
Hemolysis  
clotted samples  
frozen samples  

**Methodology:**  
Sysmex quantitative method  

**Specimen Referral:**  
Clinical Pathology Laboratories

---

**NAME:** EPITESTOSTERONE  
**ABBREVIATION:** 915921  
**SPECIMEN TYPE:** URINE  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 915921  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** Doctor must specify random or 24 hour urine collection.  
**ASTM/HL7/SDF 1:** 915921  
**CPL:** WILD 600  
**ZCPL:** WILD 600  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
NAME: CLOPIDOGREL (CYP2C19)
ABBREVIATION: 915922
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 915922
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV1 (1), CPL LAV2 (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF: 915922
CPL: 5794
LABCORP: 511390
ZCPL: 5794
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Room temperature.
Sample must be submitted in original collection tube.

Volume
5 mL whole blood

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
1 week room temperature; 1 week refrigerated;

Methodology:
Polymerase chain reaction (PCR) followed by

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: CORTROSYN STIM C</th>
<th>ABBREVIATION: 915923</th>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>TUBE/CONTAINER: LT GRN (1)</td>
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<tr>
<td>TESTS: Cortisol 30 min, Cortisol 60 min</td>
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<tr>
<td>INFORMATION: Arrange Cortrosyn injection with nurse before blood draws.</td>
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<td></td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
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</table>

NOTES:
Patient Preparation: Send patient to Endocrinology section for injection.
Call nurse and ask time injection given, draw 30 minutes and 60 minutes specimens.

Specimen Collection: Lithium Heparin Plasma or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:
- Room Temperature (15 to 30°C) 8 hours
- Refrigerated (2 to 8°C) 2 days
- Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:
- Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
- Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle:

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
NAME: FIBRINOGEN PANEL (ARUP)
ABBREVIATION: 915968
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 915968
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LT BLUE (1), CPL PLASMA ALQ (1)
TESTS: No tests in this specimen
INFORMATION: PLEASE PROCESS SPECIMEN USING PLATELET-POOR PROCEDURE!
ASTM/HL7/SDF 1: 915968
CPL: 600
ZCPL: 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sodium citrate (light blue top) tube

Specimen Processing:
2 mL platelet-poor citrate plasma. Fill a light blue top tube as far as the vacuum will allow. Centrifuge sample at 1700 g for 15 minutes. Immediately remove the top two thirds of the plasma from the sample using a plastic transfer pipette. Place the plasma in a properly labeled plastic transport tube and clearly mark the sample as plasma. Immediately freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume
2 mL plasma

Conditions for specimen transportation:
Critical frozen (CFZ)

SpecimenAcceptability:
After separation from cells:

Specimen Rejection:
Hemolysis

Methodology:
Fibrinogen: clot detection

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: Urine Sulfatide
ABBREVIATION: 915970
SPECIMEN TYPE: 1STMU
STORAGE TEMP: CR FZN
CPT CODE(S): 915970
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ1 (1), CPL CUP (1)
TESTS: No tests in this specimen
INFORMATION: 50 ml first morning urine plus additional urine if needed to get to 50 ml.
* 5.23.11 - storage changed to Critical Frozen
ASTM/HL7/SDF 1: 915970
CPL: WILD 600
ZCPL: WILD 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NAME: LEUKOCYTE LYSOSOMAL ENZYMES
ABBREVIATION: 915971
SPECIMEN TYPE: N/A
CPT CODE(S): 915971
INSTRUMENT/LOC: CPL
TESTS: No tests in this specimen
INFORMATION: special filter paper required from Mayo
ASTM/HL7/SDF 1: 915971
CPL: 601wild
ZCPL: 601wild
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
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<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
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<td><strong>TESTS:</strong></td>
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</tr>
<tr>
<td><strong>NOTES:</strong></td>
<td>Specimen Collection: Plain red top tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 4 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume 2 mL serum</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Refrigerated</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: After separation from cells: 1 week room temperature; 2 weeks refrigerated; 1 year frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Citrate (light blue top) plasma avoid repeated freeze/thaw cycles</td>
</tr>
<tr>
<td></td>
<td>Methodology: High performance liquid chromatography-tandem mass spectrometry (hplc-ms/ms) Positive cutoff for nicotine: 2 ng/mL</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
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</table>
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: magnesium, stool</th>
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<tbody>
<tr>
<td>ABBREVIATION: 915973</td>
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<tr>
<td>SPECIMEN TYPE: stool</td>
</tr>
<tr>
<td>STORAGE TEMP: cr fzn</td>
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<tr>
<td>CPT CODE(S): 915973</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: stool cup (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 915973</td>
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<tr>
<td>CPL: 5338</td>
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<td>ZCPL: 5338</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Stool collection container</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>5 gm aliquot from well mixed 24 hr or random stool collection. Sample must be liquid. Do not add saline or water to liquify sample. Freeze. Record weight of sample and time of collection. When multiple tests are ordered, submit separate sample for this test.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>1 gm liquid stool</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>1 hour room temperature; 1 week refrigerated; 1 month frozen</td>
</tr>
<tr>
<td>Methodology</td>
</tr>
<tr>
<td>Spectrophotometry</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Formed stool</td>
</tr>
<tr>
<td>Viscous samples</td>
</tr>
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<td>Clinical Pathology Laboratories</td>
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## Order Choice Information

<table>
<thead>
<tr>
<th>NAME: WHOLE BLOOE SEROTONIN</th>
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<tr>
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<tr>
<td>SPECIMEN TYPE: WB</td>
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<td>CPT CODE(S): 915976</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL LAV (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: 3ML EDTA WHOLE BLOOD PLACED ON ICE AND TRANSFERED IMMEDIATELY TO A SEROTONIN TRANSPORT TUBE AND FREEZE IMMEDIATELY. ASTM/HL7/SDF 1: 915976</td>
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<tr>
<td>CPL: 4259</td>
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<tr>
<td>ZCPL: 4259</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection: EDTA (lavender top) tube and serotonin collection tube</td>
</tr>
<tr>
<td>Specimen Processing: 3 mL EDTA whole blood. Place on ice. Immediately transfer whole blood to a serotonin transport tube containing ascorbic acid. Mix well. Specimen must be preserved and frozen within 2 hours of collection. Critical frozen (CFZ). When multiple tests are ordered, submit separate sample for this test.</td>
</tr>
<tr>
<td>Volume 1 mL frozen whole blood</td>
</tr>
<tr>
<td>Conditions for specimen transportation: Critical frozen (CFZ)</td>
</tr>
<tr>
<td>Specimen Acceptability: After transfer to serotonin tube: unacceptable room temperature; unacceptable refrigerated; 1 month frozen</td>
</tr>
<tr>
<td>Specimen Rejection: Samples not transferred to serotonin tube within 2 hours of collection</td>
</tr>
<tr>
<td>Methodology: High performance liquid chromatography (hplc)</td>
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<tr>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
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</table>
Order Choice Information

NAME: H. INFLUENZA B IGG
ABBREVIATION: 915992
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 915992
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: Label Pre or Post vaccination.
ASTM/HL7/SDF 1: 915992
CPL: 4995
ZCPL: 4995
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Clearly label sample as pre or post immunization. Post
sample should be collected 30 days following immunization.
Refrigerate.

Volume
0.2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
contaminated samples
plasma
body fluid
avoid repeated freeze/thaw cycles

Methodology:
Multiplex bead assay

Specimen Referral:
Clinical Pathology Laboratories
NAME: ANTI-SMITH
ABBREVIATION: 916021
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 916021
INSTRUMENT/LOC: BIOPLEX
TUBE/CONTAINER: SST TIGER (1)
TESTS: ANTI-SMITH (EIA), ANTI-SMITH
ASTM/HL7/SDF 1: 916021
CPL: 4283
ZCPL: 4283
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None
Test includes: Anti-Smith
Specimen collection: Gold top (SST)
Specimen storage and preservation: After testing, 1 week refrigerated
Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated
Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.
Specimen acceptability: Store sera at 2-8°C. Freeze sera at -20°C if not tested within 24 hours.
Specimen rejection: Samples received beyond specimen acceptability period
Freeze/Thaw: 1 cycle
Methodology: ELISA
Specimen referral: None
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>ENA PANEL 2</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>916023</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<td>TUBE/CONTAINER:</td>
<td>SST TIGER (1)</td>
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<tr>
<td>TESTS:</td>
<td>ANTI-RIBOSOMAL, ANTI-RNP, ANTI-CENTROMERE B</td>
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<tr>
<td>INFORMATION:</td>
<td>Place FORWARD EXTRA PHD LABEL in bag with SST.</td>
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<tr>
<td>ASTM/HL7/SDF:</td>
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<tr>
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<td>VALID ICD-10 CODES:</td>
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<td>NOTES:</td>
<td>Patient preparation: None</td>
</tr>
<tr>
<td>Test includes:</td>
<td>Anti-Ribosomal P, Anti-RNP, Anti-Centromere B</td>
</tr>
<tr>
<td>Specimen collection:</td>
<td>Gold top (SST)</td>
</tr>
<tr>
<td>Specimen storage and preservation:</td>
<td>After testing, 1 week refrigerated</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Room temperature up to 8 hours; Refrigerated</td>
</tr>
<tr>
<td>Specimen processing:</td>
<td>Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.</td>
</tr>
<tr>
<td>Specimen acceptability:</td>
<td>Store sera at 2-8°C. Freeze sera at -20°C if not tested within 24 hours.</td>
</tr>
<tr>
<td>Specimen rejection:</td>
<td>Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.</td>
</tr>
<tr>
<td>Freeze/Thaw:</td>
<td>1 cycle</td>
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<tr>
<td>Methodology:</td>
<td>Multiplex Flow Immunoassay</td>
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<tr>
<td>Specimen referral:</td>
<td>None</td>
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Order Choice Information

NAME: ANTI-CHROMATIN
ABBREVIATION: 916024
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 916024
INSTRUMENT/LOC: BIOPLEX
TUBE/CONTAINER: SST TIGER (1)
TESTS: ANTI-CHROMATIN
ASTM/HL7/SDF 1: 916024
CPL: 4507
ZCPL: 4507
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation: None

Test includes: Anti-Chromatin

Specimen collection: Gold top (SST)

Specimen storage and preservation: After testing, 1 week refrigerated

Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated

Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.

Specimen acceptability: Store sera at 2-8°C. Freeze sera at -20°C if not tested within 24 hours.

Specimen rejection: Samples received beyond specimen acceptability period

Freeze/Thaw: 1 cycle

Methodology: Multiplex Flow Immunoassay

Specimen referral: None
# Order Choice Information

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<tr>
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<td>CR FZN</td>
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<td>CPT CODE(S):</td>
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<td>INSTRUMENT/LOC:</td>
<td>BIOPLEX</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>SST TIGER (1)</td>
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<td>TESTS:</td>
<td>ANTI-RNP</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>4284</td>
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<td>ZCPL:</td>
<td>4284</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Patient preparation: None</td>
</tr>
<tr>
<td>Test includes:</td>
<td>Anti-RNP</td>
</tr>
<tr>
<td>Specimen collection:</td>
<td>Gold top (SST)</td>
</tr>
<tr>
<td>Specimen storage and preservation:</td>
<td>After testing, 1 week refrigerated</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Room temperature up to 8 hours; Refrigerated</td>
</tr>
<tr>
<td>Specimen processing:</td>
<td>Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.</td>
</tr>
<tr>
<td>Specimen acceptability:</td>
<td>Store sera at 2-8ºC. Freeze sera at -20ºC if not tested within 24 hours.</td>
</tr>
<tr>
<td>Specimen rejection:</td>
<td>Samples received beyond specimen acceptability period</td>
</tr>
<tr>
<td>Freeze/Thaw:</td>
<td>1 cycle</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Multiplex Flow Immunoassay</td>
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<tr>
<td>Specimen referral:</td>
<td>None</td>
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</table>
### Order Choice Information

**NAME:** 5HR GTT-SPECIAL  
**ABBREVIATION:** 916033  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 916033  
**INSTRUMENT/LOC:** DXC  
**TUBE/CONTAINER:** LT GRN (1)  
**TESTS:** Glucose Fasting, Glucose 30 Min, Glucose 1Hr, Glucose 90 Min, Glucose 2Hr, Glucose 2.5Hr, Glucose 3Hr, Glucose 3.5Hr, Glucose 4Hr, Glucose 4.5Hr, Glucose 5Hr  
**INFORMATION:** Draw in 1/2hr increments. Contact section for nurse observation. All Glucoses are run STAT!  
**ASTM/HL7/SDF 1:** 916033  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
- Patient Preparation: Patient should fast for 12 hours preceding collection of specimen.  
- Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum  
- Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.  
- Specimen Storage and Preservation:  
  - Room Temperature (15 to 30°C) 8 hours  
  - Refrigerated (2 to 8°C) 2 days  
  - Frozen Aliquot (-20°C) 7 days  
- Conditions for Specimen Transportation:  
  - Room Temperature (15 to 30°C) if shipping within 8 hours of collection.  
  - Refrigerated (2 to 8°C) if shipping after 8 hours of collection.  
- Specimen Acceptability: SST - SERUM  
- Freeze Thaw Cycle: 1 cycle  
- Specimen Rejection: Lipemia, Improper Container or Labeling.  
- Methodology: Glucose Oxidase  
- Specimen Referral: None

---

**NAME:** AGXT MUTATION ANALYSIS  
**ABBREVIATION:** 916034  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 916034  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** CPL SEND TO MAYO CLINI. DRAW MON-THUR ONLY!  
**ASTM/HL7/SDF 1:** 916034  
**CPL:** WILD 600  
**ZCPL:** WILD 600  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
Name: ENA PANEL 3  
Abbreviation: 916036  
Specimen Type: Serum  
Storage Temp: CR FZN  
CPT Code(s): 916036  
Instrument/LOC: BIOPLEX  
Tube/Container: SST TIGER (1)  
Tests: ANTI-CENTROMERE B, ANTI-SCL 70, ANTI-SCL 70 (EIA)  
Information: Place FORWARD EXTRA PHD LABEL in bag with SST.  
ASTM/HL7/SDF 1: 916036  
Valid ICD-9 Codes: No  
Valid ICD-10 Codes: No  
Notes:  
Patient preparation: None  
Test includes: Anti-Centromere B, Anti-SCL 70  
Specimen collection: Gold top (SST)  
Specimen storage and preservation: After testing, 1 week refrigerated  
Conditions for specimen transportation: Room temperature up to 8 hours; Refrigerated  
Specimen processing: Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.  
Specimen acceptability: Store sera at 2-8°C. Freeze sera at -20°C if not tested within 24 hours.  
Specimen rejection: Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.  
Freeze/Thaw: 1 cycle  
Methodology: Multiplex Flow Immunoassay  
Specimen referral: None
Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>ENA PANEL 1</th>
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<tbody>
<tr>
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<td>916040</td>
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<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>BIOPLEX</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>SST TIGER (1)</td>
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<tr>
<td>TESTS:</td>
<td>ANTI-SmRNP, ANTI-SSA, ANTI-SSB, ANTI-SMITH, ANTI-JO-1, ANTI-dsDNA, ANTI-SM/RNP (EIA), ANTI-SSA (EIA), ANTI-SSB (EIA), ANTI-SMITH (EIA), ANTI-JO1 (EIA), Ds DNA (EIA), Reflex DsDNA Crithidia</td>
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<tr>
<td>INFORMATION:</td>
<td>Place FORWARD EXTRA PHD LABEL in bag with SST. IF SENDING TO CPL, PRINT ALIQ LABEL AND FREEZE SERUM</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>CPL:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Patient preparation: None</td>
</tr>
<tr>
<td>Test includes:</td>
<td>Anti-dsDNA Screen (Reflex dsDNA by Crithidia), Anti-SSA, Anti-SM/RNP, Anti-Jo1, Anti-SSB (EIA), Anti-Smith (EIA)</td>
</tr>
<tr>
<td>Specimen collection:</td>
<td>Gold top (SST)</td>
</tr>
<tr>
<td>Specimen storage and preservation:</td>
<td>After testing, 1 week refrigerated</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Room temperature up to 8 hours; Refrigerated</td>
</tr>
<tr>
<td>Specimen processing:</td>
<td>Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.</td>
</tr>
<tr>
<td>Specimen acceptability:</td>
<td>Store sera at 2-8°C. Freeze sera at -20°C if not tested within 24 hours.</td>
</tr>
<tr>
<td>Specimen rejection:</td>
<td>Samples received beyond specimen acceptability period</td>
</tr>
<tr>
<td>Freeze/Thaw:</td>
<td>1 cycle</td>
</tr>
<tr>
<td>Methodology:</td>
<td>dsDNA Screen, Anti-SSA, SM/RNP, Anti-Jo1: Multiplex Flow Immunoassay, dsDNA by Crithidia: Immunofluorescence Assay (IFA); Anti-Smith, Anti-SSB: ELISA</td>
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<tr>
<td>Specimen referral:</td>
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NAME: INTERLEUKIN 6  
ABBREVIATION: 916042  
SPECIMEN TYPE: Serum  
STORAGE TEMP: CR FZN  
CPT CODE(S): 83520  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 916042  
CPL: 5329  
ZCPL: 5329  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.  
Volume  
0.3 mL serum  
Conditions for specimen transportation:  
Critical frozen (CFZ)  
Specimen Acceptability:  
After separation from cells: 30 minutes room temperature; unacceptable refrigerated; 1 year frozen  
Specimen Rejection:  
Room temperature samples  
refrigerated samples  
contaminated samples  
heat-inactivated samples  
Methodology:  
Quantitative multiplex bead assay  
Specimen Referral:  
Clinical Pathology Laboratories
**Order Choice Information**

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<td>Serum</td>
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<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<tr>
<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
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<td>ZCPL:</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.3 mL serum</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td>Critical frozen (CFZ)</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>After separation from cells: 30 minutes room temperature; unacceptable refrigerated; 1 year frozen</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Quantitative multiplex bead assay</td>
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<tr>
<td>Specimen Rejection:</td>
<td>Room temperature samples refrigerated samples contaminated samples heat-inactivated samples</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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<tbody>
<tr>
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<td>916044</td>
</tr>
<tr>
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<td>Serum</td>
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<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<tr>
<td>CPT CODE(S):</td>
<td>916044</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>916044</td>
</tr>
<tr>
<td>CPL:</td>
<td>WILD 600</td>
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<tr>
<td>ZCPL:</td>
<td>WILD 600</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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### Order Choice Information

**NAME:** INTERLEUKIN 28B  
**ABBREVIATION:** 916045  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 916045  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV1 (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 916045  
**CPL:** 4476  
**LABCORP:** 480630  
**ZCPL:** 4476  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
EDTA (lavender top) tube  
Specimen Processing:  
3 mL EDTA whole blood. Refrigerate.  
Volume  
3 mL whole blood  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
3 days room temperature; 1 week refrigerated;  
Specimen Rejection:  
Frozen samples  
Methodology:  
Polymerase chain reaction (PCR)/  
Specimen Referral:  
Clinical Pathology Laboratories

**NAME:** TOXOPLASMOSIS IGG AVIDITY  
**ABBREVIATION:** 916048  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 916048  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 916048  
**CPL:** 600 WILD  
**ZCPL:** 600 WILD  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
# Order Choice Information

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<td>Storage Temp: CR FZN</td>
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<tr>
<td>CPT Code(s): 916076</td>
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<tr>
<td>Tube/Container: CPL ALQ (1), CPL SST GOLD (1)</td>
<td>Tests: No tests in this specimen</td>
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<tr>
<td>Information: Patient must be fasting prior to collection.</td>
<td>ASTM/HL7/SDF 1: 916076</td>
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<tr>
<td>CPL: 5638</td>
<td>ZCPL: 5638</td>
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<tr>
<td>Notes:</td>
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<tr>
<td>Patient Preparation:</td>
<td></td>
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<tr>
<td>Patient must be fasting overnight prior to collection.</td>
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<tr>
<td>Specimen Collection:</td>
<td></td>
</tr>
<tr>
<td>Serum separator tube</td>
<td></td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td></td>
</tr>
<tr>
<td>0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Patient must be fasting overnight prior to collection. When multiple tests are ordered, submit separate tube for this test.</td>
<td></td>
</tr>
<tr>
<td>Volume:</td>
<td></td>
</tr>
<tr>
<td>0.2 mL serum</td>
<td></td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
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<tr>
<td>Frozen</td>
<td></td>
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<tr>
<td>Specimen Acceptability:</td>
<td></td>
</tr>
<tr>
<td>After separation from cells: 1 day room temperature; 2 days refrigerated; 2 months frozen</td>
<td></td>
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<tr>
<td>Specimen Rejection:</td>
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</tr>
<tr>
<td>Hemolysis</td>
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<tr>
<td>Icteric samples</td>
<td></td>
</tr>
<tr>
<td>Non-fasting samples</td>
<td></td>
</tr>
<tr>
<td>Methodology:</td>
<td></td>
</tr>
<tr>
<td>Chemiluminescent immunoassay (clia)</td>
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<td>Specimen Referral:</td>
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<td>Clinical Pathology Laboratories</td>
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### Order Choice Information

**NAME:** URINE OROTIC ACID  
**ABBREVIATION:** 916077  
**SPECIMEN TYPE:** URINE  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 916077  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL URINE (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** FREEZE IMMEDIATELY!!!  
**ASTM/HL7/SDF 1:** 916077  
**CPL:** 5688  
**ZCPL:** 5688  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Sterile collection container  
Specimen Processing:  
10 mL urine. First morning void preferred. Freeze within 2 hours of collection. Critical frozen (CFZ). When multiple tests are ordered, submit separate sample for this test.  
**Volume**  
1 mL urine  
**Conditions for specimen transportation:**  
Critical frozen (CFZ)  
**Specimen Acceptability:**  
Unacceptable room temperature; 1 day refrigerated; 1 month frozen  
**Specimen Rjection:**  
Room temperature samples  
samples submitted in preservative  
avoid repeated freeze/thaw cycles  
**Methodology:**  
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)  
**Specimen Referral:**  
Clinical Pathology Laboratories

---

**NAME:** ORNITHINE TRANSCARBAMYLASE  
**ABBREVIATION:** 916078  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 916078  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 916078  
**CPL:** WILD 600  
**ZCPL:** WILD 600  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
**Order Choice Information**

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<td>SPECIMEN TYPE</td>
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<td>INSTRUMENT/LOC</td>
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</tr>
<tr>
<td>TUBE/CONTAINER</td>
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<tr>
<td>TESTS</td>
<td>No tests in this specimen</td>
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</tr>
<tr>
<td>VALID ICD-10 CODES</td>
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</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - Sodium or lithium heparin (green top) tube

- Specimen Processing:
  - 1 mL sodium or lithium heparin plasma. Centrifuge sample and separate plasma from cells within 2 hours of collection. Transfer plasma to a plastic transport tube. Refrigerate.

- Volume
  - 0.2 mL serum

- Conditions for specimen transportation:
  - Refrigerated

- Specimen Acceptability:
  - After separation from cells: 4 hours room temperature; 1 week refrigerated; unacceptable frozen

- Specimen Rejection:
  - Hemolysis
  - room temperature samples
  - frozen samples
  - whole blood

- Methodology:
  - Quantitative enzyme-linked immunosorbant assay (ELISA)

- Specimen Referral:
  - Clinical Pathology Laboratories
Order Choice Information

NAME: APOLIPOPROTEIN, B-100
ABBREVIATION: 916080
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 916080
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 916080
CPL: 4003
QUEST: 91726
ZCPL: 4003
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day room temperature; 8 days refrigerated; 2 months frozen

Specimen Rejection:
Gross hemolysis

Methodology:
Immunoturbidometric assay

Specimen Referral:
Clinical Pathology Laboratories
### Testosterone Total, AM

<table>
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<tr>
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<tr>
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<tr>
<td>Specimen Type: Serum</td>
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<td>Storage Temp: RM Temp</td>
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<tr>
<td>CPT Code(s): 916083</td>
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<tr>
<td>Instrument/Loc: BCI DXC 880i</td>
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<tr>
<td>Tube/Container: LT GRN (1)</td>
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<tr>
<td>Tests: Testosterone, Total AM</td>
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<tr>
<td>Information: Draw @ 8am no later than 10am.</td>
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<td>ASTM/HL7/SDF 1: 916083</td>
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<td>CPL: 2830</td>
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<td>ZCPL: 2830</td>
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<td>Valid ICD-9 Codes: No</td>
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<tr>
<td>Valid ICD-10 Codes: No</td>
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<tr>
<td>Notes: Patient Preparation: None</td>
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</table>

**Specimen Collection:** Lithium Heparin Plasma (preferred) or SST Serum

**Specimen Processing:** Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

**Specimen Storage and Preservation:** Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 2 days; Frozen Aliquot (-20°C) 7 days

**Conditions for Specimen Transportation:** Room Temperature (15 to 30°C) if shipping within 8 hours of collection. Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

**Specimen Acceptability:** SST - Serum

**Freeze Thaw Cycle:** 2 cycles

**Specimen Rejection:** Gross Hemolysis, Lipemia, Improper Container or Labeling

**Methodology:** Chemiluminescence Immunoassay

**Specimen Referral:** None

---

### HCV by PCR Extended Range

<table>
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<td>Specimen Type: EDTA Plasma</td>
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<td>Storage Temp: CR FZN</td>
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<td>CPT Code(s): 916085</td>
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<td>Instrument/Loc: CPL</td>
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<tr>
<td>Tube/Container: CPL ALQ (1), CPL LAV1 (1), CPL LAV2 (1)</td>
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<tr>
<td>Tests: No tests in this specimen</td>
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<tr>
<td>Information: 10 ml of Plasma needed.</td>
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*Printed on: January 29, 2016 3:28 PM*
### Order Choice Information

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<th>Test Name</th>
<th>Abbreviation</th>
<th>Specimen Type</th>
<th>Storage Temp</th>
<th>CPT Code(s)</th>
<th>Instrument/LOC</th>
<th>Tube/Container</th>
<th>Tests</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td><strong>NAME:</strong> Dx DNA by FARR</td>
<td><strong>ABBREVIATION:</strong> 916086</td>
<td><strong>SPECIMEN TYPE:</strong> Serum</td>
<td><strong>STORAGE TEMP:</strong> RM TEMP</td>
<td><strong>CPT CODE(S):</strong> 916086</td>
<td><strong>INSTRUMENT/LOC:</strong> CPL</td>
<td><strong>TUBE/CONTAINER:</strong> CPL SERUM ALQ (1), CPL SST GOLD (1)</td>
<td><strong>TESTS:</strong> No tests in this specimen</td>
<td><strong>NOTES:</strong> Specimen Collection: Serum separator tube Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Room temperature. Volume 0.3 mL serum Conditions for specimen transportation: Room temperature Specimen Acceptability: 3 days room temperature; 1 week refrigerated; 2 months frozen Specimen Rejection: Hemolysis lipemia Methodology: Radioimmunoassay (ria) Specimen Referral: Clinical Pathology Laboratories</td>
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<table>
<thead>
<tr>
<th>Test Name</th>
<th>Abbreviation</th>
<th>Specimen Type</th>
<th>Storage Temp</th>
<th>CPT Code(s)</th>
<th>Instrument/LOC</th>
<th>Tube/Container</th>
<th>Tests</th>
<th>Notes</th>
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<tbody>
<tr>
<td><strong>NAME:</strong> TSPOT TB TEST</td>
<td><strong>ABBREVIATION:</strong> 916087</td>
<td><strong>SPECIMEN TYPE:</strong> WB</td>
<td><strong>STORAGE TEMP:</strong> RM TEMP</td>
<td><strong>CPT CODE(S):</strong> 916087</td>
<td><strong>INSTRUMENT/LOC:</strong> zOXF</td>
<td><strong>TUBE/CONTAINER:</strong> DK GRN 4ML (3)</td>
<td><strong>TESTS:</strong> TSPOT</td>
<td><strong>INFORMATION:</strong> Collect three whole blood specimens collected in lithium or sodium heparin tubes.</td>
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</table>
### Order Choice Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Abbreviation</th>
<th>Specimen Type</th>
<th>Storage Temp</th>
<th>CPT Code(s)</th>
<th>Instrument/Loc</th>
<th>Tube/Container</th>
<th>Tests</th>
<th>ASTM/HL7/SDF 1</th>
<th>CPL</th>
<th>ZCPL</th>
<th>Valid ICD-9 Codes</th>
<th>Valid ICD-10 Codes</th>
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<tbody>
<tr>
<td>Fentanyl and Metabolite, Urine QNT</td>
<td>916089</td>
<td>Urine</td>
<td>RM Temp</td>
<td>80354</td>
<td>CPL</td>
<td>CPL RU CUP (1)</td>
<td>No tests in this specimen</td>
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<tr>
<td>Voltage Gate Potassium Channel AB</td>
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<td>Serum</td>
<td>RM Temp</td>
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<td>CPL</td>
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<td>WILD 600</td>
<td>WILD 600</td>
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</table>

**Notes:**
- **Specimen Collection:** Urine collection container
- **Specimen Processing:**
  - Urine collection: 4 mL random urine. Refrigerate.
  - Volume: 1 mL urine
- **Conditions for specimen transportation:** Refrigerated
- **Specimen Acceptability:**
  - 1 month room temperature; 1 month refrigerated; 9 months frozen
- **Specimen Rejection:**
  - Urine collected with additives or preservatives
  - Avoid repeated freeze/thaw cycles
- **Methodology:** Liquid chromatography-tandem mass spectrometry (LC-MS/MS)
- **Specimen Referral:** Clinical Pathology Laboratories

---

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**Page:** 922
### Order Choice Information

<table>
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<td>TESTS:</td>
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<tr>
<td>INFORMATION:</td>
<td>Seal aliquot tube with red tape - single test only.</td>
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<tr>
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<tr>
<td>CPL:</td>
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<td>VALID ICD-9 CODES:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>
| NOTES: | Specimen Collection: Serum separator tube Specimen Processing: 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 6 hours of collection. Transfer serum to a polypropylene transport tube. Refrigerate. When multiple tests are ordered, submit separate tube for this test. Volume 2 mL serum Conditions for specimen transportation: Refrigerated Specimen Acceptability: 3 days refrigerated; 6 weeks frozen Specimen Rejection: Samples not separated from cells within 6 hours samples collected in heparin anticoagulant samples submitted in polystyrene tubes Methodology: Cobas ampliprep/cobas taqman note: this test is intended for use in conjunction with clinical presentation and other laboratory markers as an indicator of disease prognosis or in assessing response to antiviral therapy. Positive HCV PCR results establish active, viremic HCV infection. Negative HCV PCR results may represent absence of Hepatitis C virus, inactive Hepatitis C, low level infection below limit of detection, or specimen sampling or collection error. This test should not be used alone to establish or exclude HCV exposure or infection. Specimen Referral: Clinical Pathology Laboratories
**Order Choice Information**

<table>
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## Order Choice Information

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<td>TESTS:</td>
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<td>INFORMATION:</td>
<td>See collection instructions in h pylori breath test kit. Then route to GI section with two labels.</td>
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<td>Patient preparation:</td>
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<tr>
<td></td>
<td>1. Remind the patient that pranactin-citric contains phenylalanine (one of the components of aspartame).</td>
</tr>
<tr>
<td></td>
<td>2. Phenylketonurics restrict dietary phenylalanine.</td>
</tr>
<tr>
<td></td>
<td>3. The patient should fast at least 1 hour before beginning the test.</td>
</tr>
<tr>
<td></td>
<td>4. The patient should not have taken antimicrobials, proton pump inhibitors, or bismuth preparations within the previous 2 weeks.</td>
</tr>
<tr>
<td>Specimen collection:</td>
<td>1. Label bags with 2 patient identifiers, such as name and date of birth or bar code label. Label specimens with collection time.</td>
</tr>
<tr>
<td></td>
<td>2. Collect the baseline breath sample as follows: remove cap from blue collection bag. instruct the patient to breathe normally. have the patient take a deep breath, then pause momentarily. have the patient exhale into mouthpiece of the bag. replace cap firmly until it clicks on the mouthpiece of the bag.</td>
</tr>
<tr>
<td></td>
<td>3. Prepare the pranactin-citric solution. empty packet completely from test kit into the cup provided. add drinking water to the fill line (raised edge). replace lid and swirl mixture for up to two minutes until completely dissolved. The solution should be clear with no particulate matter. If solution is not clear, it should not be used. the solution is stable for 60 minutes at room temperature.</td>
</tr>
<tr>
<td></td>
<td>4. Instruct the patient to drink the solution without stopping using the straw provided. Advise the patient not to rinse the mouth with the solution before swallowing.</td>
</tr>
<tr>
<td></td>
<td>5. Set timer for 15 minutes. Start timer as soon as patient has completed drinking. Patient should sit quietly without eating, drinking, or smoking.</td>
</tr>
<tr>
<td></td>
<td>6. Collect the post-dose breath sample after the timed 15 minutes have elapsed. remove the cap from pink collection bag. instruct the patient to breathe normally. have the patient take a deep breath, then pause momentarily. have the patient exhale into mouthpiece of the bag. replace cap firmly until it clicks on the mouthpiece of the bag. Indicate the collection time of each sample on the requisition.</td>
</tr>
<tr>
<td>Specimen processing: Specimen is to be routed to ADC GI Lab at ADC North Campus,</td>
<td></td>
</tr>
<tr>
<td>12221 North Mopac Expressway</td>
<td></td>
</tr>
<tr>
<td>Austin, Texas 78758</td>
<td></td>
</tr>
<tr>
<td>Specimen storage and preservation: Room Temperature (15 - 30°C) 7 Days</td>
<td></td>
</tr>
<tr>
<td>Conditions for specimen transportation: Room Temperature</td>
<td></td>
</tr>
<tr>
<td>Specimen acceptability:</td>
<td></td>
</tr>
<tr>
<td>Specimen rejection: Uncapped Specimen</td>
<td></td>
</tr>
<tr>
<td>Methodology: Infrared Spectrophotometry, CO2 isotope</td>
<td></td>
</tr>
<tr>
<td>Specimen referral: ADC GI Lab or CPL if Patient has HMO Aetna</td>
<td></td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: IBD EXPANDED PROFILE
ABBREVIATION: 916115
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 916115
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 916115
CPL: 4743
LABCORP: 162045
ZCPL: 4743
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Hemolysis

Methodology:
Enzyme-linked immunosorbent assay (ELISA)/

Specimen Referral:
Clinical Pathology Laboratories

NAME: ACETOACETATE, SERUM
ABBREVIATION: 916118
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 916118
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED 1 (1), CPL PLAIN RED 2 (1)
TESTS: No tests in this specimen
INFORMATION: 3ML OF SERUM REQUIRED. FREEZE IN PLASTIC TRANSPORT TUBE.
ASTM/HL7/SDF 1: 916118
CPL: WILD
ZCPL: WILD
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NAME: B-HYDROXYBUTYRIC ACID
ABBREVIATION: 916119
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 82010
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL PLAIN RED (1), CPL SERUM ALQ (1)
TESTS: No tests in this specimen
INFORMATION: PROCESS AND FREEZE SERUM WITHIN 2 HOURS.
ASTM/HL7/SDF 1: 916119
CPL: 5042
ZCPL: 5042
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Freeze. When multiple tests are ordered, submit separate
tube for this test.

Volume
0.2 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 2 hours room temperature; 1 week refrigerated; 1 month frozen

Specimen Rejection:
Room temperature samples

Methodology:
Enzymatic

Specimen Referral:
Clinical Pathology Laboratories
NAME: PROTOPORPHYRIN FREE RBC
ABBREVIATION: 916122
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 84202
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
INFORMATION: PROTECT SAMPLE FROM LIGHT DURING COLLECTION, STORAGE AND TRANSPORT.
ASTM/HL7/SDF 1: 4912
CPL: 4912
ZCPL: 4912
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
1 mL EDTA whole blood. Protect sample from light during collection, storage and transport. Refrigerate.
Medicaid thstes specimens must be sent to TDH laboratory.

Volume
0.5 mL whole blood

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
Unacceptable room temperature; 2 weeks refrigerated; 1 month frozen

Specimen Rejection:
Clotted samples
samples in anticoagulant other than EDTA

Methodology:
Extraction and fluorometry

Specimen Referral:
Clinical Pathology Laboratotries
Order Choice Information

NAME: LISTERIA ANTIBODY
ABBREVIATION: 916126
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 916126
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 916126
CPL: 5753
ZCPL: 5753
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Refrigerate.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 week room temperature; 2 weeks refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
lipemia

Methodology:
Complement fixation (cf)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: Q10 COENZYME</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 916142</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S): 916142</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL DARK ALIQUOT (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: 1 ML SERUM. ALLOW SAMPLE TO CLOT FOR 30 MINUTES. CENTRIFUGE SAMPLE AND SEPARATE SERUM FROM CELLS IMMEDIATELY. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. PROTECT SAMPLE FROM LIGHT DURING COLLECTION, STORAGE AND TRANSPORT. FREEZE. PATIENT SHOULD BE FASTING OVERNIGHT PRIOR TO COLLECTION. ASTM/HY7/SDF 1: 916142</td>
</tr>
<tr>
<td>CPL: 5724</td>
</tr>
<tr>
<td>ZCPL: 5724</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Patient Preparation:</td>
</tr>
<tr>
<td>Patient should be fasting overnight prior to collection.</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 1 hour of collection. Transfer serum to a plastic transport tube. Protect sample from light during collection, storage, and transport. Freeze. Patient should be fasting overnight prior to collection. It is not necessary to discontinue nutritional supplements prior to collection of this test. When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>0.5 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>After separation from cells: unacceptable room temperature; 3 weeks refrigerated; 1 month frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Hemolysis</td>
</tr>
<tr>
<td>room temperature samples</td>
</tr>
<tr>
<td>samples not protected from light</td>
</tr>
<tr>
<td>samples exposed to repeated freeze/thaw cycles</td>
</tr>
<tr>
<td>samples other than serum or heparin plasma</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>High performance liquid chromatography (hplc)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
## Order Choice Information

**NAME:** ACYLCARNITINE LEVEL  
**ABBREVIATION:** 916154  
**SPECIMEN TYPE:** NAHEP WB  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 916154  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL NAHEP WB (1), CPL PL FZN (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** TRANSFER PLASMA TO A PLASTIC TRANSPORT TUBE. FREEZE. CRITICAL FROZEN. A COMPLETED HISTORY FORM WITH PATIENT AGE, GENDER, DRUG THERAPY, DIET AND FAMILY HISTORY IS REQUIRED.  
**ASTM/HL7/SDF 1:** 916154  
**CPL:** 4237  
**ZCPL:** 4237  
**VALID ICD-9 CODES:** Yes  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Sodium or lithium heparin (green top) tube  

Specimen Processing:  
0.5 mL sodium or lithium heparin plasma. Centrifuge sample and separate plasma from cells within 2 hours of collection. Transfer plasma to a plastic transport tube. Freeze. 
Critical frozen (CFZ). A completed history form with patient age, gender, drug therapy, diet, and family history is required. When multiple tests are ordered, submit separate tube for this test.  

**Volume**  
0.2 mL plasma  

**Conditions for specimen transportation:**  
Critical frozen (CFZ)  

**Specimen Acceptability:**  
After separation from cells: unacceptable room temperature; 12 hours refrigerated; 1 month frozen  

**Specimen Rejection:**  
Gross hemolysis  
room temperature samples  
avoid repeated freeze/thaw cycles  

**Methodology:**  
Tandem mass spectrometry (tms)  

**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: FOOD ALLERGY IgE PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 916167</td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
</tr>
<tr>
<td>STORAGE TEMP: REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 916167</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (2)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF I: 916167</td>
</tr>
<tr>
<td>CPL: 5548</td>
</tr>
<tr>
<td>ZCPL: 5548</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Specimen Processing:</td>
</tr>
<tr>
<td>4 mL serum from plain red top or serum separator tube.</td>
</tr>
<tr>
<td>Separate serum from cells immediately. Refrigerated.</td>
</tr>
</tbody>
</table>

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: HETEROPHILE AB. W/REFLX TITER
ABBREVIATION: 916180
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 916180
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF: 916180
CPL: 5073
ZCPL: 5073
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
CSF

Methodology:
Latex agglutination

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>Table: Order Choice Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NAME:</strong></td>
</tr>
<tr>
<td><strong>ABBREVIATION:</strong></td>
</tr>
<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
</tr>
<tr>
<td><strong>STORAGE TEMP:</strong></td>
</tr>
<tr>
<td><strong>CPT CODE(S):</strong></td>
</tr>
<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
</tr>
<tr>
<td><strong>TESTS:</strong></td>
</tr>
<tr>
<td><strong>INFORMATION:</strong></td>
</tr>
<tr>
<td><strong>ASTM/HL7/SDF 1:</strong></td>
</tr>
<tr>
<td><strong>CPL:</strong></td>
</tr>
<tr>
<td><strong>ZCPL:</strong></td>
</tr>
<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
</tr>
<tr>
<td><strong>NOTES:</strong> Specimen Collection: EDTA (lavender top) tube</td>
</tr>
<tr>
<td><strong>Specimen Processing:</strong></td>
</tr>
<tr>
<td><strong>Volume:</strong></td>
</tr>
<tr>
<td><strong>Conditions for specimen transportation:</strong></td>
</tr>
<tr>
<td><strong>Specimen Acceptability:</strong></td>
</tr>
<tr>
<td><strong>Methodology:</strong></td>
</tr>
<tr>
<td><strong>Specimen Referral:</strong></td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: B-CELL GENE REARRANGEMENT
ABBREVIATION: 916189
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 916189
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 916189
CPL: 5376
ZCPL: 5376
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Refrigerate
A completed history form must accompany sample.

Volume
5 mL

Conditions for specimen transportation:
Refrigerate

Specimen Acceptability:
Whole blood and bone marrow: 3 days room

Specimen Rejection:
Samples submitted in improper anticoagulant

Methodology:
PCR, capillary gel electrophoresis

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CLL PANEL BY FISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>916190</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>NAHEP WB</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>916190</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL NAHEP WB (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>916190</td>
</tr>
<tr>
<td>CPL:</td>
<td>5865</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>5865</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Processing: 3 mL Bone marrow in sodium heparin (green top) tube. Room temperature. Note: Also acceptable 5 mL sodium heparin (green top) whole blood. Room Temperature</td>
</tr>
</tbody>
</table>

Specimen Referral:
Clinical Pathology Laboratories
NAME: COBALT, SERUM
ABBREVIATION: 916194
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 916194
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL TR/MET RBLUE (1), CPL TR/METAL ALQ (1)
TESTS: No tests in this specimen
INFORMATION: Use trace metal aliquot tube for sendout.
ASTM/HL7/SDF 1: 916194
CPL: 4621
ZCPL: 4621
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Royal blue trace metal-free tube with no additive

Specimen Processing:
2 mL serum from a royal blue trace metal-free tube with no additive. Centrifuge sample and separate serum from cells within 2 hours of collection. Transfer 2 mL serum to a plastic transport tube. Room temperature.
Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician).

Volume
0.6 mL serum

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
If serum is left on cells: 6 hours room temperature; once separated from cells: trace element values do not change with time

Specimen Rejection:
Samples collected in serum separator tube
serum not separated from cells within 6 hours of collection

Methodology:
Inductively coupled plasma-mass spectrometry (icp/ms)

Specimen Referral:
Clinical Pathology Laboratories
NAME: REDUCING SUB, STOOL
ABBREVIATION: 916197
SPECIMEN TYPE: STOOL
STORAGE TEMP: REFRIG
CPT CODE(S): 916197
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: STOOL CUP (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 916197
CPL: 1535
ZCPL: 1535
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Stool collection container

Specimen Processing:
5 mL fresh stool. Refrigerate.

Volume
5 mL fresh stool

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
1 day refrigerated

Methodology:
Clinitest semi-quantitative method

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>DIPHTHERIA ANTIBODY POST</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>916210</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>916210</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SRM FZN (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. POST SAMPLE SHOULD BE COLLECTED 30 DAYS FOLLOWING IMMUNIZATION. FREEZE.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>916210</td>
</tr>
<tr>
<td>CPL:</td>
<td>4547</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>4547</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Clearly label sample as pre or post immunization. Post sample should be collected 30 days following immunization. Refrigerate.</td>
</tr>
<tr>
<td>Volume</td>
<td>0.2 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Plasma body fluid avoid repeated freeze/thaw cycles</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Multiplex bead assay</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
<tr>
<td>NAME: TETANUS ANTIBODY POST</td>
<td></td>
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<tr>
<td>------------------------------</td>
<td></td>
</tr>
<tr>
<td>ABBREVIATION: 916211</td>
<td></td>
</tr>
<tr>
<td>SPECIMEN TYPE: Serum</td>
<td></td>
</tr>
<tr>
<td>STORAGE TEMP: CR FZN</td>
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</tr>
<tr>
<td>CPT CODE(S): 916211</td>
<td></td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
<td></td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL SRM FZN (1), CPL SST GOLD (1)</td>
<td></td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
<td></td>
</tr>
<tr>
<td>INFORMATION: CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. POST SAMPLE SHOULD BE COLLECTED 30 DAYS FOLLOWING IMMUNIZATION. FREEZE.</td>
<td></td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 916211</td>
<td></td>
</tr>
<tr>
<td>CPL: 4656</td>
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<tr>
<td>ZCPL: 4656</td>
<td></td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
<td></td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
<td></td>
</tr>
<tr>
<td>NOTES: Specimen Collection: Serum separator tube</td>
<td></td>
</tr>
<tr>
<td>Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Clearly label sample as pre or post immunization. Post sample should be collected 30 days following immunization. Refrigerate.</td>
<td></td>
</tr>
<tr>
<td>Volume 0.2 mL serum</td>
<td></td>
</tr>
<tr>
<td>Conditions for specimen transportation: Refrigerated</td>
<td></td>
</tr>
<tr>
<td>Specimen Acceptability: After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen</td>
<td></td>
</tr>
<tr>
<td>Specimen Rejection: Hemolysis gross lipemia contaminated samples plasma or body fluid samples avoid repeated freeze/thaw cycles</td>
<td></td>
</tr>
<tr>
<td>Methodology: Multiplex bead assay</td>
<td></td>
</tr>
<tr>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
<td></td>
</tr>
</tbody>
</table>
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CUTANEOUS IMMUNOFLUOR AB</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>916214</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>916214</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED (1), CPL SERUM ALQ (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>2 ML SERUM FROM A PLAIN RED TOP TUBE. ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES, THEN CENTRIFUGE SAMPLE AND TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE WITHIN 2 HOURS OF COLLECTION. REFRIGERATE.</td>
</tr>
</tbody>
</table>

| ASTM/HL7/SDF 1: | 916214 |
| CPL: | 5034 |
| ZCPL: | 5034 |
| VALID ICD-9 CODES: | No |
| VALID ICD-10 CODES: | No |
| NOTES: | Specimen Collection: Plain red top tube |
| Specimen Processing: | 2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate. |
| Volume | 0.5 mL serum |
| Conditions for specimen transportation: | Refrigerated |
| Specimen Acceptability: | Undetermined |
| Specimen Rejection: | Will reject due to gross icterus |
| | Will reject due to hemolysis |
| | Will reject due to lipemia |
| Methodology: | Immunofluorescence |
| Specimen Referral: | Clinical Pathology Laboratories |
NAME: CULTURE V.CHOLERA
ABBREVIATION: 916216
SPECIMEN TYPE: STOOL
STORAGE TEMP: REFRIG
CPT CODE(S): 916216
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL STL CX (1)
TESTS: No tests in this specimen
INFORMATION: FRESH STOOL IN Fecal TRANSPORT VIAL (CARY BLAIR WITH INDICATOR). REFRIGERATE.
ASTM/HL7/SDF 1: 916216
CPL: 6053
ZCPL: 6053
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Processing:
Specimen Collection:
Fecal transport container

Specimen Processing:
Fresh stool in fecal transport vial (cary blair with
indicator). Refrigerate.
Note: no more than two bacteriology specimens are
recommended. Two specimens should be submitted on separate
days to increase the probability of recovering pathogens.
Two separate specimens will pick up 99% of bacterial
pathogens.

Volume
1-2 grams of stool

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days in stool culture preservative <24 hours for refrigerated fresh stool

Methodology:
Standard culture methodology

Specimen Rejection:
Specimens with contamination on outside of container
diapers or tissue paper
dry swabs
frozen specimens
specimens submitted in fixative (formalin)
expired transport media
swabs not submitted in transport media
viral transport media

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: THYROXINE, FREE, DIALYSIS
ABBREVIATION: 916229
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 916229
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)
TESTS: No tests in this specimen
INFORMATION: ALLOW TO CLOT FOR 60 MIN UPRIGHT. ALQ WITHIN 2 HOURS OF COLLECTION. REFRIGERATE.
ASTM/HL7/SDF 1: 916229
CPL: 5692
ZCPL: 5692
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
2 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 4 days room temperature; 2 weeks refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
samples collected in serum separator tube

Methodology:
Equilibrium dialysis/high performance liquid chromatography-tandem mass spectrometry (hplc-ms/ms)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** HEREDITARY HEMORRHAGIC TELANGIECTASIA  
**ABBREVIATION:** 916231  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 916231  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV1 (1), CPL LAV2 (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 916228  
**CPL:** 4146  
**ZCPL:** 4146  
**VALID ICD9 CODES:** Yes  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
EDTA (lavender top) tube  
Specimen Processing:  
5 mL EDTA whole blood. Refrigerate.  
Please contact referral department prior to collection.  
Volume  
5 mL  
**Conditions for specimen transportation:**  
Refrigerated  
Specimen Acceptability:  
3 days room temperature; 1 week refrigerated;  
Specimen Rejection:  
Frozen samples  
**Methodology:**  
Polymerase chain reaction (PCR)/sequencing/  
Specimen Referral:  
Clinical Pathology Laboratories
## Order Choice Information

**NAME:** CERVICAL DNA DTEX  
**ABBREVIATION:** 916232  
**SPECIMEN TYPE:** THIN PREP  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 916232  
**INSTRUMENT/LOC:** AD  
**TUBE/CONTAINER:** CYTYC VIAL (1)  
**TESTS:** DTEX  
**INFORMATION:** PREPARE KIT AND SEND TO AVERO  

<table>
<thead>
<tr>
<th>ASTM/HL7/SDF 1</th>
<th>916232</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPL</td>
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<tr>
<td>ND</td>
<td>ND000-001</td>
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<tr>
<td>ZCPL</td>
<td>8103</td>
</tr>
</tbody>
</table>

**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Extract 5 mLs from pap vial before processing pap. Send to AVERO.  

**Preferred Specimen:** 5 mL ThinPrep preservcyt solution. Room temperature.  
**Container Type:** ThinPrep preservcyt collection container  
**Volume:** 5 mL ThinPrep solution  
**Transport Temperature:** room temperature  
**Specimen Stability:** 30 days room temperature  
**Methodology:** fluorescence in situ hybridization (FISH)  
**Test Setup days:** Monday through Friday  

## Order Choice Information

**NAME:** DEXAMETHASONE LEVEL, SERUM/PLASMA  
**ABBREVIATION:** 916235  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 916235  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL PLAIN RED (1)  
**TESTS:** No tests in this specimen  

<table>
<thead>
<tr>
<th>ASTM/HL7/SDF 1</th>
<th>916235</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPL</td>
<td>3936</td>
</tr>
<tr>
<td>ZCPL</td>
<td>3936</td>
</tr>
</tbody>
</table>

**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Specimen Requirements: 1 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE. IT IS RECOMMENDED THAT THE SAMPLE BE COLLECTED BETWEEN 8-10 AM. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.
<table>
<thead>
<tr>
<th>NAME:</th>
<th>C DIFF ANTIBODY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>916236</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<td>CPT CODE(S):</td>
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</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>C-Diff specimen should be stored frozen.</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
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<td>ZCPL:</td>
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<td>VALID ICD-10 CODES:</td>
<td>No</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td></td>
<td>Volume 1 mL serum</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: Unacceptable room temperature; 2 weeks refrigerated; 1 month frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Hemolysis room temperature samples stool or sterile body fluid samples</td>
</tr>
<tr>
<td></td>
<td>Methodology: Antibody neutralization</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
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**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: TOTAL T AND B CELL COUNT</th>
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<tbody>
<tr>
<td>ABBREVIATION: 916243</td>
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<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S): 916243</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL LAV (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: 3 day stability refrigerated.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ASTM/HL7/SDF 1: 916243</th>
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<tbody>
<tr>
<td>CPL: 4813</td>
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<td>ZCPL: 4813</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - EDTA (lavender top) tube

- Specimen Processing:
  - 4 mL EDTA (lavender top) whole blood.
  - Critical room temperature (CRT).

- Volume
  - 4 mL

- Conditions for specimen transportation:
  - Critical room temperature (CRT)

- Specimen Acceptability:
  - 3 days room temperature

- Specimen Rejection:
  - Hemolysis

- Methodology:
  - Flow cytometry

- Specimen Referral:
  - Clinical Pathology Laboratories
## Order Choice Information

**NAME:** CALPROTECTIN, FECAL  
**ABBREVIATION:** 916248  
**SPECIMEN TYPE:** STOOL  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 916248  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL STOOL CUP (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** FRESH STOOL SAMPLE. NO PRESERVATIVES.  
**ASTM/HL7/SDF 1:** 916248  
**CPL:** 4501  
**ZCPL:** 4501  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Stool transport vial  
Specimen Processing:  
5 grams random stool in a clean stool transport vial  
without preservatives. Refrigerate.  
**Volume**  
1 gram stool  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
5 days room temperature; 5 days refrigerated; 1 year frozen  
Specimen Rejection:  
Samples submitted in media or preservatives  
Methodology:  
Enzyme-linked immunosorbent assay (ELISA)  
Specimen Referral:  
Clinical Pathology Laboratories
## Order Choice Information

**NAME:** LACTOFERRIN, FECAL  
**ABBREVIATION:** 916249  
**SPECIMEN TYPE:** STOOL  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 916249  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL STOOL CUP (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 916249  
**CPL:** 5447  
**ZCPL:** 5447  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

### NOTES:
- Specimen Collection:
- Specimen collection container

### Specimen Processing:
- 5 grams unpreserved stool. Freeze. When multiple tests are ordered, submit separate sample for this test.

### Volume
- 1 gm stool

### Conditions for specimen transportation:
- Frozen

### Specimen Acceptability:
- 1 hour room temperature; 1 week refrigerated; 1 week frozen

### Methodology:
- Enzyme-linked immunosorbent assay (ELISA)

### Specimen Referral:
- Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>Name:</th>
<th>Ds DNA BY CRITHIDIA TITER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviation:</td>
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<tr>
<td>Specimen Type:</td>
<td>Serum</td>
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<tr>
<td>Storage Temp:</td>
<td>CR FZN</td>
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<tr>
<td>CPT Code(s):</td>
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<tr>
<td>Instrument/LOC:</td>
<td>IFA SCOPE</td>
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<tr>
<td>Tube/Container:</td>
<td>FWD LABEL PHD (1), SST TIGER (1)</td>
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<td>Tests:</td>
<td>Ds DNA Titer, Ds DNA Crithidia</td>
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<td>ASTM/HL7/SDF:</td>
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<td>Valid ICD-10 Codes:</td>
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<td>Notes:</td>
<td>Patient preparation: None</td>
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<tr>
<td>Test includes:</td>
<td>Ds DNA by Crithidia Titer</td>
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<tr>
<td>Specimen collection:</td>
<td>Gold top (SST)</td>
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<tr>
<td>Specimen storage and preservation:</td>
<td>After testing, 1 week refrigerated</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Room temperature up to 8 hours; Refrigerated</td>
</tr>
<tr>
<td>Specimen processing:</td>
<td>Centrifuge @ 3000 rpm for 10 minutes. After centrifugation, separate serum into 3, approximately equal aliquot tubes for possible follow-up testing. Freeze.</td>
</tr>
<tr>
<td>Specimen acceptability:</td>
<td>Serum; Within 48 hours if refrigerated</td>
</tr>
<tr>
<td>Specimen rejection:</td>
<td>Samples received beyond specimen acceptability period. Hemolyzed or lipemic sample.</td>
</tr>
<tr>
<td>Freeze/Thaw:</td>
<td>1 cycle</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Immunofluorescence Assay (IFA)</td>
</tr>
<tr>
<td>Specimen referral:</td>
<td>None</td>
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**Order Choice Information**

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<tr>
<th>NAME:</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<td>SPECIMEN TYPE:</td>
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<td>CPT CODE(S):</td>
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</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED (1), CPL SRM FZN (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
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<tr>
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<td>VALID ICD9 CODES:</td>
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</tr>
<tr>
<td>VALID ICD10 CODES:</td>
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</tr>
</tbody>
</table>

**NOTES:**
Specimen Collection: Serum separator tube

Specimen Processing: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume 0.3 mL serum

Conditions for specimen transportation: Critical frozen (CFZ)

Specimen Acceptability: Unacceptable room temperature; 7 days refrigerated; 3 weeks frozen

Specimen Rejection: Hemolysis lipemia room temperature samples avoid repeated freeze/thaw cycles

Methodology: Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral: Clinical Pathology Laboratories
NAME: TRICHOMONAS MALE
ABBREVIATION: 916254
SPECIMEN TYPE: URINE
STORAGE TEMP: REFRIG
CPT CODE(S): 916254
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL APTIMA TRANSPORT (1), CPL CUP (1)
TESTS: No tests in this specimen
INFORMATION: 1. PATIENT MUST NOT HAVE URINATED FOR AT LEAST 1 HOUR PRIOR TO SPECIMEN COLLECTION.
2. INSTRUCT PATIENT TO PROVIDE A FIRST-CATCH URINE (APPROXIMATELY 20-30 ML OF THE INITIAL URINE STREAM) INTO A URINE COLLECTION CUP FREE OF PRESERVATIVES. COLLECTION OF LARGER VOLUMES OF URINE MAY RESULT IN rRNA TARGET DILUTION THAT MAY REDUCE TEST SENSITIVITY.
ASTM/HL7/SDF 1: 916254
CPL: 4445
ZCPL: 4445
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Aptima urine transport tube (yellow aptima tube)

Specimen Processing:
When multiple tests are ordered, submit separate sample for this test.
1. Patient should not have urinated for at least 1 hour prior to collection.
2. Instruct patient to provide a first-catch urine (approximately 20-30 mL of the initial stream) into a urine collection cup free of preservatives. Collection of larger volumes of urine may result in rRNA target dilution that may reduce test sensitivity.
3. Remove the cap and transfer 2 mL urine into the urine specimen transport tube (yellow aptima tube) using the disposable pipette provided. The correct volume of urine has been added when the fluid level is between the black fill lines on the urine specimen transport tube label.
4. Re-cap the urine specimen transport tube tightly. Submit specimen to the laboratory at room temperature or refrigerated.
Note: female specimens will not be accepted.

Volume
2 mL urine

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
30 days room temperature; 30 days refrigerated; unacceptable frozen

Specimen Rejection:
Female specimens
Frozen specimens
Under-or over-filled urine transport tubes
Transport tubes containing a cleaning swab
Transport tubes containing more than 1 swab

Methodology:
Aptima transcription mediated assay (TMA)
NAME: HYPERSENSITIVITY PNEUM. II
ABBREVIATION: 926261
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 926261
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926261
CPL: 5545
ZCPL: 5545
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Specimen Referral:
Clinical Pathology Laboratories
NAME: HLA-B 1502/CARBAMAZEPINE HYPERSENSITIVITY
ABBREVIATION: 926274
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: RM TEMP
CPT CODE(S): 926274
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
INFORMATION: SAMPLE MUST BE SUBMITTED IN ORIGINAL COLLECTION TUBE.
ASTM/HL7/SDF 1: 926274
CPL: 5740
ZCPL: 5740
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
3 mL EDTA (lavender top) whole blood. Room temperature.
Sample must be submitted in original collection tube.

Volume
3 mL

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
1 week room temperature; 1 week refrigerated;

Specimen Rejection:
Frozen samples

Methodology:
Qualitative allele-specific real-time polymerase

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>AC ARBORVIRUS IGM, SERUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>926275</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>926275</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>NOTE: PARALLEL TESTING IS PREFERRED AND CONVALESCENT SAMPLES MUST BE RECEIVED WITHIN 30 DAYS OF RECEIPT OF ACUTE SAMPLES. LABEL SAMPLES CLEARLY AS ACUTE OR CONVALESCENT. ASTM/HL7/SDF 1: 926275</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Label samples clearly as acute or convalescent.</td>
</tr>
<tr>
<td>Volume</td>
<td>1 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>After separation from cells:</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Indirect fluorescent antibody (IFA)/</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>

Not

**Volume**

1 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
After separation from cells:

**Specimen Rejection:**
Hemolysis

**Methodology:**
Indirect fluorescent antibody (IFA)/
<table>
<thead>
<tr>
<th>NAME:</th>
<th>C DIFF TOXIN BY PCR</th>
</tr>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>926279</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>LIQUID STOOL</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>926279</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>STOOL CUP (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>GIVE C-DIFF COLLECTION KIT. REFRIGERATE SPECIMEN.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>926279</td>
</tr>
<tr>
<td>CPL:</td>
<td>4733</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>4733</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection:</td>
</tr>
<tr>
<td></td>
<td>Stool collection container</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>Soft or liquid stool in a stool collection container without preservative. Refrigerate. Note: Testing is only performed on diarrheal (unformed) stool, unless ileus due to C. Diff is suspected.</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>2 days room temperature; 5 days refrigerated; 1 month frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Formed stool samples</td>
</tr>
<tr>
<td></td>
<td>samples submitted in preservative</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Polymerase chain reaction (PCR)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
<tr>
<td>NAME:</td>
<td>HPV HIGH AND LOW RISK</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------</td>
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<tr>
<td>ABBREVIATION:</td>
<td>926282</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>VIAL</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>926282</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>LABCORP</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>926282</td>
</tr>
<tr>
<td>LABCORP:</td>
<td>500306</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen: Cervical brush sample in liquid-based cytology preservative; cervical biopsy</td>
</tr>
<tr>
<td>Volume:</td>
<td>One brush or tissue biopsy</td>
</tr>
<tr>
<td>Minimum Volume:</td>
<td>For cells collected in liquid-based cytology preservative, at least 4 mL of preservative must be submitted for ThinPrep® specimens. Minimum 2 mm biopsy specimen.</td>
</tr>
<tr>
<td>Container:</td>
<td>Liquid-based cytology preservative ThinPrep® vial with PreservCyt® solution fixative</td>
</tr>
<tr>
<td>Special Instructions:</td>
<td>Specimen must be submitted using HPV collection kit (supplied by LabCorp), or liquid-based cytology preservative. Collection: Specimen must be submitted using liquid-based cytology fixative. ThinPrep® Vial – use a cervical broom: Obtain a sample from the cervix using a broom-like device by inserting the brush portion into the cervical os and rotate the brush five times. Rinse the collection device in the PreservCyt® solution by pushing the brush into the bottom of the vial 10 times, forcing the bristles to bend apart to release the cervical material. As a final step, twirl the brush between the thumb and forefinger vigorously to further release cellular material. Discard the collection device. Tighten the cap on the ThinPrep® vial until the cap passes the torque line on the vial. Storage Instructions: Maintain liquid-based cytology specimens at room temperature. Freeze biopsy. Specimens in ThinPrep® vials must be processed for testing within three months of collection. LabCorp may require up to five days for processing. Stability: Room temperature - 3 months Refrigerated - Unstable Frozen - Biopsy only. Freeze/thaw cycles - Unstable Causes for Rejection: Specimen more than three months old in PreservCyt® solution; specimen leaked in transit; quantity not sufficient for analysis; biopsies less than 2 mm in diameter; name discrepancies; specimens submitted on male patients</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: PROSTATE CANCER BIOMARKER
ABBREVIATION: 926283
SPECIMEN TYPE: MISC
CPT CODE(S): 926283
INSTRUMENT/LOC: CPL
TESTS: No tests in this specimen
INFORMATION: SPECIAL KIT IS REQUIRED. CALL CPL FOR KIT (512) 873-1604.
ASTM/HL7/SDF 1: 926283
CPL: 4044
ZCPL: 4044
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Progensa pca3 collection kit

Specimen Processing:
20-30 mL urine collected following digital rectal exam.
Place sample in preservative-free urine collection cup.
Invert the sample 5 times to mix, then transfer 2.5 mL urine
to each of the progensa pca3 urine specimen transport tubes.
Liquid level must be between the black lines on the
transport tubes. Cap transport tubes and invert 5 times to
mix. Freeze. When multiple tests are ordered, submit
separate samples for this test.

Volume
2.5 mL urine in each progensa pca3 collection tube

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After urine placed in transport tube:

Specimen Rejection:
Samples not transferred to progensa pca3

Methodology:
Transcription-mediated amplification (TMA)

Specimen Referral:
Clinical Pathology Laboratories
NAME: PROTEIN S DEFICIENCY PROFILE
ABBREVIATION: 926284
SPECIMEN TYPE: CITR PL
STORAGE TEMP: CR FZN
CPT CODE(S): 926284
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LT BLUE1 (1), CPL LT BLUE2 (1)
TESTS: No tests in this specimen
INFORMATION: THIS TEST REQUIRES 2 FROZEN PLASMA ALIQUOTS. TO OBTAIN PLATELET-POOR PLASMA, IMMEDIATELY CENTRIFUGE SAMPLES AT 1500 RCFs FOR 15 MINUTES, THEN PIPETTE THE SUPERNATANT PLASMA AND TRANSFER TO 2 PLASTIC TRANSPORT TUBES. RE-CENTRIFUGE PLASMA IN THE PLASTIC TRANSPORT TUBES AT 1500 RCFs FOR 15 MINUTES TO ENSURE THAT NO RED CELLS ARE PRESENT. PIPETTE THE TOP TWO-THIRDS OF THE SUPERNATANT PLASMA AND TRANSFER 2 ML PLASMA TO EACH OF 2 PLASTIC TRANSPORT TUBES. IMMEDIATELY FREEZE THE PLASMA AT -20 DEGREES C OR LOWER FOR TRANSPORT.
ASTM/HL7/SDF 1: 926284
CPL: 1461
ZCPL: 1461
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES: Specimen Processing:
1. This test requires 2 frozen plasma aliquots. Fill 2 light blue top tubes as far as vacuum will allow and mix by gentle inversion five to six times. The exact ratio of 1 part sodium citrate to 9 parts blood must be maintained. Inadequate filling of the tubes will alter this ratio and may lead to inaccurate results.
2. Patients who have hematocrit values above 55% should have the anticoagulant adjusted to maintain the 1 to 9 ratio. For further instructions on the collection of platelet-poor plasma for patients with hematocrit value of >55%, please contact CPL austin customer service.
3. To obtain platelet-poor plasma, immediately centrifuge samples at 1500 rcf for 15 minutes, then pipette the supernatant plasma and transfer to 2 plastic transport tubes.
4. Re-centrifuge plasma in the plastic transport tubes at 1500 rcf for 15 minutes to ensure that no red cells are present.
5. Pipette the top two-thirds of the supernatant plasma and transfer 2 mL plasma to each of 2 plastic transport tubes.
6. Immediately freeze the plasma at -20 degrees c or lower for transport.
7. When multiple tests are ordered, submit separate tubes for this test.
Patient prep: patients should discontinue oral anticoagulant therapy for at least 2 weeks prior to testing, upon the advice of their physician.
Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: CELIAC DISEASE GENOTYPE
ABBREVIATION: 926290
SPECIMEN TYPE: WB
STORAGE TEMP: REFRIG
CPT CODE(S): 926290
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926290
CPL: 5783
ZCPL: 5783
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:

Preferred Specimen
5 mL EDTA whole blood. Refrigerate.

ContainerType
EDTA (lavender top) tube

Volume
5 mL whole blood

Transport Temperature
Refrigerated

Specimen Stability
3 days room temperature; 1 week refrigerated;

Methodology
Polymerase chain reaction (PCR)/sso probes

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

**NAME:** INSULIN LIKE GROWTH FACTOR II  
**ABBREVIATION:** 926301  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 926301  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL PLAIN RED (1)  
**TESTS:** No tests in this specimen  
**INFORMATION:** SHOULD BE DRAWN FASTING  
**ASTM/HL7/SDF 1:** 926301  
**CPL:** 5769  
**QUEST:** 5769  
**ZCPL:** 5769  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
**Patient Preparation:**  
Patient should be fasting overnight prior to collection.  
**Specimen Collection:**  
Serum separator tube  
**Specimen Processing:**  
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test. 
**Patient should be fasting overnight prior to collection.**  
**Volume**  
0.2 mL serum  
**Conditions for specimen transportation:**  
Critical frozen (CFZ)  
**Specimen Acceptability:**  
1 day room temperature; 1 day refrigerated; 6 months frozen  
**Specimen Rejection:**  
Hemolysis  
lipemia  
room temperature samples  
**Methodology:**  
Radioimmunoassay (ria)  
**Specimen Referral:**  
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>TRYPSIN, STOOL</th>
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<tr>
<td>ABBREVIATION:</td>
<td>926308</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>STOOL</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL STOOL CUP (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>926308</td>
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<tr>
<td>CPL:</td>
<td>4938</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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</table>
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: SCREEN HIV 1/2 ABS AND P24 AG</th>
</tr>
</thead>
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<tr>
<td>ABBREVIATION: 926314</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 926314</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: EVOLIS</td>
</tr>
<tr>
<td>TUBE/CONTAINER: EVOLI GOLD (1)</td>
</tr>
<tr>
<td>TESTS: HIV 1/2 ABS and P24 AG, REFLEX TO WBLT, U-HIV Combo</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 926314</td>
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<tr>
<td>CPL: 3540</td>
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<td>ZCPL: 3540</td>
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<td>VALID ICD-9 CODES: Yes</td>
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<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES:</td>
</tr>
<tr>
<td>Patient preparation: None</td>
</tr>
<tr>
<td>Test includes: For Medicare Patients</td>
</tr>
<tr>
<td>HIV-1 Antibody; HIV-2 Antibody; HIV-1 p24 Antigen; Repeat testing if Reactive</td>
</tr>
<tr>
<td>Specimen collection: Serum – Gold top (SST)</td>
</tr>
<tr>
<td>Specimen storage and preservation: After testing, refrigerated 1 week</td>
</tr>
<tr>
<td>Conditions for specimen transportation: Room temp up to 8 hours; Refrigerated up to 7 days</td>
</tr>
<tr>
<td>Specimen processing: Centrifuge @ 3000 rpm for 10 min, refrigerate sample if not transfer to the lab within 8 hours</td>
</tr>
<tr>
<td>Specimen acceptability: Serum</td>
</tr>
<tr>
<td>Specimen rejection: Samples that are left at room temperature over 8 hours or kept refrigerated longer than 7 days</td>
</tr>
<tr>
<td>Freeze/Thaw: 4 Cycles</td>
</tr>
<tr>
<td>Methodology: Enzyme Immunoassay (EIA)</td>
</tr>
<tr>
<td>Specimen referral: Reactive HIV specimens are reported to the Texas Department of State and Health Services and also sent to Labcorp for confirmatory testing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NAME: DME EXTENDED PANEL</th>
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<tbody>
<tr>
<td>ABBREVIATION: 926317</td>
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<tr>
<td>SPECIMEN TYPE: EDTA WB</td>
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<tr>
<td>CPT CODE(S): 926317</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: IG</td>
</tr>
<tr>
<td>TUBE/CONTAINER: LAV (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION: PREPARE IVerson GENETIC KIT TO BE SENT OUT.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 926317</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>

Printed on: January 29, 2016 3:28 PM
NAME: JAK2 V617 MUTATION, WB
ABBREVIATION: 926322
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 926322
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926322
CPL: 3940
LABCORP: 489200
ZCPL: 3940
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Critical refrigerate (CRF).

Volume
2 mL whole blood

Conditions for specimen transportation:
Critical refrigerated (CRF)

Specimen Acceptability:
1 week refrigerated

Specimen Rejection:
Clotted samples
frozen samples

Methodology:
Pyrosequencing

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** ARSENIC, SPECIATED 24 HR UR  
**ABBREVIATION:** 926327  
**SPECIMEN TYPE:** Urine  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 926327  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL 24U ALQ (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 926327  
**CPL:** 4210  
**ZCPL:** 4210  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collectin:  
Urine collection container  
Specimen Processing:  
24 hour urine refrigerated during collection. Record total volume. Transfer 8 mL urine from a well-mixed 24 hour collection to a plastic aliquot tube. Refrigerate.  
Volume  
8 mL urine  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
1 week room temperature; 2 weeks refrigerated;  
Specimen Rejection:  
Urine collected within 48 hours of administration  
**Methodology:**  
High performance liquid chromatography (hplc)/  
**Specimen Referral:**  
Clinical Pathology Laboratories

---

**NAME:** nxtPANEL CF/SMA/FRAGILE X  
**ABBREVIATION:** 926337  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 926337  
**INSTRUMENT/LOC:** REF  
**TESTS:** No tests in this specimen  
**INFORMATION:** Request requisition from patient. Please send completed aMDx requisition with specimens. Call 1-855-293-2639 (option 2) for pick-up.  
**ASTM/HL7/SDF 1:** 926337  
**QUEST:** 926337  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No
### Order Choice Information

**NAME:**  AJ Pnext JEWISH CARRIER SCREEN  
**ABBREVIATION:** 926338  
**SPECIMEN TYPE:** WB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 926338  
**INSTRUMENT/LOC:** REF  
**TUBE/CONTAINER:** aMDx ACD YEL (1), aMDX LAV (3)  
**TESTS:** No tests in this specimen  
**INFORMATION:** Call 1-855-293-2639 (option 2) for pick-up first! Specimens must be sent same day of draw. Please send completed aMDx requisition with specimens.  
**ASTM/HL7/SDF 1:** 926338  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

---

**NAME:** MEDICAID VAGINOSIS PANEL  
**ABBREVIATION:** 926347  
**SPECIMEN TYPE:** VIAL  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 926347  
**INSTRUMENT/LOC:** AFFIRM  
**TUBE/CONTAINER:** ATTS (1)  
**TESTS:** Trichomonas, Gardnerella, Candida, QC AFF Neg Proc., QC AFF Pos Proc  
**ASTM/HL7/SDF 1:** 926347  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Patient preparation: None  
Test includes: Trichomonas, Gardnerella, Candida  
Specimen collection: BD Affirm VPIII Ambient Temperature Transport System. Refer to the package insert for complete instructions.  
Specimen storage and preservation: After testing, specimen is discarded  
Conditions for specimen transportation: Room temp or refrigerated  
Specimen processing: None  
Specimen acceptability: Within 72 hours of collection  
Specimen rejection: Specimen not collected in the BD Affirm VPIII Ambient Temperature Transport System. Samples received after 72 hours.  
Freeze/Thaw: None  
Methodology: DNA Probe  
Specimen referral: None
### Order Choice Information

<table>
<thead>
<tr>
<th>Name: Goodstart Genetics [i]</th>
<th>Abbreviation: 926351</th>
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</thead>
<tbody>
<tr>
<td>Specimen Type: Blood</td>
<td>Storage Temp: Room Temp</td>
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<tr>
<td>CPT Code(s): 926351</td>
<td>Instrument/LOC: REF</td>
</tr>
<tr>
<td>Tube/Container: Goodstart Kit (1)</td>
<td>Tests: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 926351</td>
<td>Valid ICD-9 Codes: No</td>
</tr>
<tr>
<td>Valid ICD-10 Codes: No</td>
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<table>
<thead>
<tr>
<th>Name: Counsyl Genetics [i]</th>
<th>Abbreviation: 926352</th>
</tr>
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<tbody>
<tr>
<td>Specimen Type: Blood</td>
<td>Storage Temp: Room Temp</td>
</tr>
<tr>
<td>CPT Code(s): 926352</td>
<td>Instrument/LOC: CG</td>
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<tr>
<td>Tube/Container: Counsyl Kit (1)</td>
<td>Tests: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 926352</td>
<td>Valid ICD-9 Codes: No</td>
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<tr>
<td>Valid ICD-10 Codes: No</td>
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</tbody>
</table>
Order Choice Information

NAME:  CRYOGLOBULINS REFLEX IFE + QT
ABBREVIATION:  926361
SPECIMEN TYPE:  Serum
STORAGE TEMP:  CR RM TEMP
CPT CODE(S):  926361
INSTRUMENT/LOC:  CPL
TUBE/CONTAINER:  CPL ALQ (1), CPL PREWARM PL RED (1)
TESTS:  No tests in this specimen
INFORMATION:  3 ML SERUM. MUST BE COLLECTED IN PRE-WARmed PLAIN RED TOP TUBE. KEEP AT 37C UNTIL CLOTTING IS COMPLETE. SEPARATE SERUM FROM CELLS. CRITICAL ROOM TEMPERATURE. FASTING IS RECOMMENDED.
ASTM/HL7/SDF 1:  926361
CPL:  4954
VALID ICD-9 CODES:  No
VALID ICD-10 CODES:  No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
Collect 7 mL blood in a pre-warmed (37c) plain red top tube. Maintain sample at 37c until clotting is complete. Centrifuge sample and separate serum from cells within 1 hour of collection. Transfer 3 mL serum to a plastic transport tube. Room temperature.
Note: proper collection and transport of sample is critical to the outcome of the test. Patient must be fasting prior to collection.

Volume
3 mL serum

Conditions for specimen transportation:
Room temperature

Specimen Acceptability:
1 week room temperature; 1 week refrigerated;

Specimen Rejection:
Gross hemolysis

Methodology:
Cold precipitation/immunofixation electrophoresis

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: INHIBIN-A (DIMER)  
ABBREVIATION: 926362  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 926362  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 926362  
CPL: 5847  
ZCPL: 5847  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
Volume  
0.5 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
After separation from cells: 1 day room temperature; 1 week refrigerated; 1 year frozen  
Specimen Rejection:  
Hemolysis  
lipemia  
plasma samples  
avoid repeated freeze/thaw cycles  
Methodology:  
Chemiluminescent immunoassay (clia)  
Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: INHIBIN B
ABBREVIATION: 926363
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 926363
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SRM FZN (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926363
CPL: 4357
ZCPL: 4357
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.

Volume
0.2 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: unacceptable room temperature; 2 days refrigerated; 1 month frozen

Specimen Rejection:
Hemolysis
lipemia
room temperature samples

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories

---

NAME: AC MYCOPLASMA PNUEMONIAE AB
ABBREVIATION: 926375
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 926375
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: NOTE: PARALLEL TESTING IS PREFERRED AND CONVALESCENT SAMPLES MUST BE RECEIVED WITHIN 30 DAYS OF RECEIPT OF ACUTE SAMPLES. CLEARLY LABEL SAMPLE AS ACUTE OR CONVALESCENT.
ASTM/HL7/SDF 1: 926375
CPL: 4588
ZCPL: 4588
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: MYCOPLASMA PNUEMONIAE PCR</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 926376</td>
</tr>
<tr>
<td>SPECIMEN TYPE: SPUTUM</td>
</tr>
<tr>
<td>STORAGE TEMP: CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S): 926376</td>
</tr>
<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL STERILE CUP (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 926376</td>
</tr>
<tr>
<td>CPL: 4097</td>
</tr>
<tr>
<td>ZCPL: 4097</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<td>VALID ICD-10 CODES: No</td>
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<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Sterile collection container</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>2 mL sputum in sterile container. Freeze.</td>
</tr>
<tr>
<td>When multiple tests are ordered, submit separate sample for this test.</td>
</tr>
<tr>
<td>Volume</td>
</tr>
<tr>
<td>1 mL fluid or swab</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td>8 hours room temperature; 3 days refrigerated; 1 year frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Specimens in leaking or non-sterile containers</td>
</tr>
<tr>
<td>avoid repeated freeze/thaw cycles</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Polymerase chain reaction (PCR)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
**Order Choice Information**

**NAME:** MYCOPLASMA HOMINIS(CULTURE)

**ABBREVIATION:** 926377

**SPECIMEN TYPE:** MISC

**STORAGE TEMP:** CR FZN

**CPT CODE(S):** 926377

**INSTRUMENT/LOC:** CPL

**TUBE/CONTAINER:** UTM (MEDIA) (1)

**TESTS:** No tests in this specimen

**ASTM/HL7/SDF 1:** 926377

**CPL:** 5002

**ZCPL:** 5002

**VALID ICD-9 CODES:** No

**VALID ICD-10 CODES:** No

**NOTES:** Preferred Specimen: Collect urine, urethral or cervical swab, semen, biopsy tissue, body fluid, CSF, tracheal or nasopharyngeal aspirate. Place swab or 0.5 mL fluid in utm m4 transport media (do not use m4 rt) or ureaplasma transport media. Freeze. Specimen source is required. Place each sample in an individually sealed bag. When multiple tests are ordered, submit separate sample for this test.

Container Type: UTM (universal transport media) or m4 transport container do not use m4 rt

Volume: 0.5 mL body fluid

Transport Temperature: Frozen

Specimen Stability: 8 hours room temperature; 2 days refrigerated; 1 month frozen

Methodology: Culture

Rejection Criteria: Samples in media other than universal transport; Non-patient samples; Dry swabs; Culturettes; Samples in M4 RT media
Order Choice Information

NAME: CORTROSYN STIM D
ABBREVIATION: 926379
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 926379
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Cortisol 60 min
INFORMATION: Arrange Cortrosyn injection with nurse before blood draws.
ASTM/HL7/SDF 1: 926379
CPL: 9313
ZCPL: 9313
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycles

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CYCLOSPORA STAIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>926383</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>STOOL</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>926383</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL OPX1 (2)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>926383</td>
</tr>
<tr>
<td>CPL:</td>
<td>7050</td>
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<tr>
<td>ZCPL:</td>
<td>7050</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: O and p preservative (formalin vial)</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: Stool sample should be collected in a clean, wide-mouth container, bedpan or on a clean newspaper or plastic bag placed over the toilet seat opening. Do not pass the specimen directly into the toilet or directly into the collection vial. Do not mix urine or water with the specimen. Open the vial carefully. Using the collection spoon attached to the cap, add enough specimen until the liquid reaches the arrow on the label. Sample areas of the specimen which appear bloody, slimy, or watery. If stool is hard, sample from each end and the middle of the specimen. If formalin container unavailable, submit specimen in a specimen cup. Refrigerate until delivery to laboratory. No more than three (3) parasitology specimens are recommended over 7-10 days because shedding may be intermittent. Three (3) specimens will pick up 99% of parasitic pathogens. Note: do not use for microsporidia.</td>
</tr>
<tr>
<td></td>
<td>Volume 5 mL stool</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation: Room temperature</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: Indefinite if preserved</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection: Gross contamination</td>
</tr>
<tr>
<td></td>
<td>Methodology: Modified acid fast stain</td>
</tr>
<tr>
<td></td>
<td>Specimen Referral: Clinical Pathology Laboratories</td>
</tr>
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</table>
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME: CHILDHOOD ALLERGY IgE PANEL</th>
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<tbody>
<tr>
<td>ABBREVIATION: 926395</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 86003</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (2)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 926395</td>
</tr>
<tr>
<td>CPL: 5505</td>
</tr>
<tr>
<td>ZCPL: 5505</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Specimen Processing:</td>
</tr>
<tr>
<td>4 mL serum. Allow SST to clot in an upright position for</td>
</tr>
<tr>
<td>at least 30 minutes, then centrifuge sample within 2 hours</td>
</tr>
<tr>
<td>of collection. Refrigerate.</td>
</tr>
</tbody>
</table>

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: HEMOGLOBIN ELECTROPHORESIS
ABBREVIATION: 926396
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 926396
INSTRUMENT/LOC: SPIFE
TUBE/CONTAINER: LAV (1)
TESTS: % Hemoglobin A1, % Hemoglobin A2, % Hemoglobin F, % Hemoglobin S/D/G, % Hemoglobin C/E, Hemoglobin Interpretation
ASTM/HL7/SDF 1: 926396
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None
Specimen Collection: LAVENDER TUBE- EDTA Whole Blood only
Specimen Processing: None
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) Refrigerate specimen ASAP
Refrigerated (2 to 8°C) 1 week
Conditions for Specimen Transportation:
Refrigerated (2 to 8°C)
Specimen Acceptability: EDTA Whole Blood
Freeze Thaw Cycle: N/A
Specimen Rejection: Improper Container or Labeling
Methodology: Electrophoresis
Specimen Referral: None
### Order Choice Information

**NAME:** NMDA IgG WITH REFLEX TITER  
**ABBREVIATION:** 926397  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 926397  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 926397  
**CPL:** 3938  
**ZCPL:** 3938  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.  
**Volume**  
1 mL  
**Conditions for specimen transportation:**  
Refrigerated  
Specimen Acceptability:  
After separation from cells: 2 days room  
Specimen Rejection:  
Contaminated samples  
**Methodology:**  
Semi-quantitative indirect fluorescent antibody  
**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: STOOL PH
ABBREVIATION: 926407
SPECIMEN TYPE: STOOL
STORAGE TEMP: REFRIG
CPT CODE(S): 926407
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL STOOL CUP (1)
TESTS: No tests in this specimen
INFORMATION: 1 ML FRESH UNPRESERVED STOOL. STABLE 3 DAYS REFRIGERATED.
ASTM/HL7/SDF 1: 926407
CPL: 7060
ZCPL: 7060
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Specimen collection container

Specimen Processing:
1 mL fresh unpreserved stool. Refrigerate.

Volume
1 mL stool

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
3 days refrigerated

Specimen Rejection:
Samples submitted in preservative
samples containing residual detergent

Methodology:
Phydrion paper or ph meter

Specimen Referral:
Clinical Pathology Laboratories
NAME: JC VIRUS BY PCR
ABBREVIATION: 926409
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 926409
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926409
CPL: 3919
ZCPL: 3919
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
1 mL EDTA plasma. Centrifuge sample and separate plasma
from cells within 2 hours of collection. Transfer plasma to
a plastic transport tube. Freeze. Specimen source is
required. When multiple tests are ordered, submit separate
tube for this test.

Volume
0.5 mL

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
8 hours room temperature; 5 days refrigerated; 30 days frozen

Specimen Rejection:
Heparin plasma samples

Methodology:
Qualitative polymerase chain reaction (PCR)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME</th>
<th>Testosterone, Free (Direct)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION</td>
<td>926418</td>
</tr>
<tr>
<td>SPECIMEN TYPE</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S)</td>
<td>84402</td>
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<tr>
<td>INSTRUMENT/LOC</td>
<td>LABCORP</td>
</tr>
<tr>
<td>TUBE/CONTAINER</td>
<td>SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION</td>
<td>State patient's age and sex on the test request form</td>
</tr>
<tr>
<td>ASTM/HL7/SDF</td>
<td>926418</td>
</tr>
<tr>
<td>LABCORP</td>
<td>144980</td>
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<tr>
<td>VALID ICD-9 CODES</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES</td>
<td>No</td>
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<tr>
<td>NOTES</td>
<td>Specimen Collection: SST Serum</td>
</tr>
<tr>
<td></td>
<td>Specimen Processing: State patient's age and sex on the test request form. If a red-top tube is used, transfer separated serum to a plastic transport tube.</td>
</tr>
<tr>
<td></td>
<td>Specimen Volume: 0.5mL</td>
</tr>
<tr>
<td></td>
<td>Conditions for Specimen Transportation: Refrigerate</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability: SST - Serum or Red top tube</td>
</tr>
<tr>
<td>Temperature</td>
<td>Period</td>
</tr>
<tr>
<td>Room temp</td>
<td>14 days</td>
</tr>
<tr>
<td>Refrigerated</td>
<td>14 days</td>
</tr>
<tr>
<td>Frozen</td>
<td>14 days</td>
</tr>
<tr>
<td>Freeze/thaw cycles</td>
<td>Stable x3</td>
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<tr>
<td>Specimen Rejection</td>
<td>Plasma specimen; gross lipemia (may yield erroneously high free testosterone results)</td>
</tr>
<tr>
<td>Methodology</td>
<td>Direct analog enzyme immunoassay (EIA)</td>
</tr>
</tbody>
</table>

*Printed on: January 29, 2016  3:28 PM*
Order Choice Information

NAME: H PYLORI AB RFLX QUANT
ABBREVIATION: 926441
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 926441
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST TIGER (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926441
CPL: 4496
ZCPL: 4496
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.
Volume
0.5 mL serum
Conditions for specimen transportation
Refrigerated
Specimen Acceptability:
1 day room temperature; 1 week refrigerated; 6 months frozen
Methodology:
Immulite 2000 chemiluminescence quantitative method
Specimen Referral:
Clinical Pathology Laboratories

NAME: PEDI FOOD PANEL I IgE
ABBREVIATION: 926552
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 926552
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926552
CPL: 5524
ZCPL: 5524
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
4 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.
Volume
0.5 mL serum
Conditions for specimen transportation
Refrigerated
Specimen Acceptability:
1 day room temperature; 1 week refrigerated; 6 months frozen
Methodology:
Immulite 2000 chemiluminescence quantitative method
Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Abbreviation</th>
<th>Specimen Type</th>
<th>Storage Temp</th>
<th>CPT Code(s)</th>
<th>Instrument/LOC</th>
<th>Tube/Container</th>
<th>Tests</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>PEDI FOOD PANEL II IgE</td>
<td>926553</td>
<td>Serum</td>
<td>REFRIG</td>
<td>926553</td>
<td>CPL</td>
<td>CPC SST GOLD (1)</td>
<td>No tests in this specimen</td>
<td>Specimen Processing: 4 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
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<tr>
<td>Region X (TX, OK) IgE Panel</td>
<td>926554</td>
<td>Serum</td>
<td>REFRIG</td>
<td>926554</td>
<td>CPL</td>
<td>CPL SST TIGER (1)</td>
<td>No tests in this specimen</td>
<td>Specimen Processing: 4 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
</tbody>
</table>

Specimen Referral: Clinical Pathology Laboratories
Order Choice Information

NAME: CORTROSYN STIM E
ABBREVIATION: 926669
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 926669
INSTRUMENT/LOC: DXI
TUBE/CONTAINER: LT GRN (1)
TESTS: Cortisol Base, Cortisol 60 min, Cortisol 90 min
INFORMATION: Arrange Cortrosyn injection with nurse before blood draws.
ASTM/HL7/SDF 1: 926669
CPL: 9313
ZCPL: 9313
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation:

Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycles

Specimen Rejection: Improper Container or Labeling

Methodology: Chemiluminescence Immunoassay

Specimen Referral: None
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>HEPATITIS Bs AB REFLX QUANT</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>926771</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>926771</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>EVOLIS</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>EVOLI GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>Hepatitis B surface AB , U-Hepatitis B surface AB</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>Perform HBsAB; If result is positive, perform HBsAB QUANT.</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>926771</td>
</tr>
<tr>
<td>CPL:</td>
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</tr>
<tr>
<td>ZCPL:</td>
<td>2737</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>3/24/2014 4:44 PM New code per Pediatrics request</td>
</tr>
</tbody>
</table>

**Patient preparation:**
- None

**Specimen collection:**
- Serum – Gold top

**Specimen storage and preservation:**
- After testing, refrigerated 1 week

**Conditions for specimen transportation:**
- Room temp up to 8 hours
- Refrigerated up to 7 days

**Specimen processing:**

**Specimen acceptability:**
- Serum only
- Within 7 days if refrigerated

**Specimen rejection:**

**Freeze/Thaw:** 5 Cycles

**Methodology:**
- Enzyme Immunoassay (EIA)

**Specimen referral:**
- None
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>GANGLIOSIDE AB IG/IM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>926772</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>926772</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>926772</td>
</tr>
<tr>
<td>CPL:</td>
<td>5758</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>5758</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**
- **Specimen Collection:**
  - Serum separator tube
- **Specimen Processing:**
  - 0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.
  - **Volume:**
    - 0.1 mL serum
  - **Conditions for specimen transportation:**
    - Frozen
- **Specimen Acceptability:**
  - After separation from cells: unacceptable room temperature; 2 weeks refrigerated; 1 year frozen
- **Specimen Rejection:**
  - Hemolysis
  - Lipemia
  - Icterus
  - Room temperature samples
  - Body fluid
  - Plasma
  - Heat-inactivated samples
- **Methodology:**
  - Enzyme-linked immunosorbent assay (ELISA)
- **Specimen Referral:**
  - Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>ORDER</th>
<th>NAME</th>
<th>ABBREVIATION</th>
<th>SPECIMEN TYPE</th>
<th>STORAGE TEMP</th>
<th>CPT CODE(S)</th>
<th>INSTRUMENT/LOC</th>
<th>TUBE/CONTAINER</th>
<th>TESTS</th>
<th>INFORMATION</th>
<th>ASTM/HL7/SDF</th>
<th>QUEST</th>
<th>VALID ICD-9 CODES</th>
<th>VALID ICD-10 CODES</th>
<th>NOTES</th>
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</thead>
<tbody>
<tr>
<td>ORDER 1</td>
<td>Cardio IQ™ CYP2C19 Genotype</td>
<td>926773</td>
<td>EDTA WB</td>
<td>REFRIG</td>
<td>81225</td>
<td>QUEST</td>
<td>LAV (1)</td>
<td>No tests in this specimen</td>
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<td></td>
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<td></td>
<td>6/2/2014 8:48 AM Self pay price is $50.00</td>
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<tr>
<td>ORDER 2</td>
<td>Cardio IQ™ Lipoprotein Fractionation</td>
<td>926894</td>
<td>Serum</td>
<td>CR FZN</td>
<td>83704</td>
<td>QUEST</td>
<td>HEP PLASMA (1), SST GOLD (1)</td>
<td>No tests in this specimen</td>
<td>Fasting preferred. Non-fasting acceptable.</td>
<td></td>
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<tr>
<td>ORDER 3</td>
<td>Cardio IQ™ Lp-PLA2</td>
<td>926895</td>
<td>Serum</td>
<td>REFRIG</td>
<td>83698</td>
<td>QUEST</td>
<td>HEP PLASMA (1), SST GOLD (1)</td>
<td>No tests in this specimen</td>
<td></td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>
**Order Choice Information**

**NAME:** PANCREATIC ELAST, FECAL  
**ABBREVIATION:** 926896  
**SPECIMEN TYPE:** STOOL  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 926896  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL STERILE CUP (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF:** 926896  
**CPL:** 5711  
**ZCPL:** 5711  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Sterile collection container  

Specimen Processing:  
5 grams random, unpreserved stool. Freeze. Interruption of enzyme substitution therapy is recommended in order to avoid the possibility of cross-reaction with porcine enzymes. When multiple tests are ordered, submit separate sample for this test.  

Volume  
1 g stool  

Conditions for specimen transportation  
Frozen  

Specimen Acceptability:  
5 days room temperature; 7 days refrigerated; 1 year frozen  

Specimen Rejection:  
Stool submitted in transport media or preservatives  

Methodology:  
Enzyme-linked immunosorbent assay (ELISA)  

Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: ANAPLASMA PHAGOCYTO IgG
ABBREVIATION: 926897
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 926897
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)
TESTS: No tests in this specimen
INFORMATION: ALLOW SAMPLE TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 60 MINUTES BEFORE CENTRIFUGING.
ASTM/HL7/SDF 1: 926897
CPL: 5703
ZCPL: 5703
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.

Volume
0.1 mL serum

Conditions for specimen transportation
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
icterus
heat-inactivated samples
samples with bacterial contamination
turbid samples

Methodology:
Indirect fluorescent antibody (IFA)

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>STRATIFY JCV AB/REFLEX INHIB.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>926900</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT CODE(S):</td>
<td>926900</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>LABCORP</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>SST GOLD (1), SERUM (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>926900</td>
</tr>
<tr>
<td>QUEST:</td>
<td>90257</td>
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<tr>
<td>LABCORP:</td>
<td>816735</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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<tr>
<td>NOTES:</td>
<td>Preferred Specimen(s): 0.5 mL serum or plasma collected in an EDTA (lavender-top) tube</td>
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<tr>
<td>Minimum Volume:</td>
<td>0.25 mL</td>
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<tr>
<td>Transport Temperature:</td>
<td>Route Specimen to LabCorp at refrigeration temperature</td>
</tr>
<tr>
<td>Specimen Stability:</td>
<td>Refrigerated: 14 days, Frozen: 90 days</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Immunoassay (IA)</td>
</tr>
<tr>
<td>Includes:</td>
<td>If the Index Value is between 0.19 and 0.41 (not inclusive), then 90257-2 JCV Virus Antibody Inhibition Assay will be performed at an additional charge.</td>
</tr>
<tr>
<td>Performing Laboratory:</td>
<td>Focus Diagnostics, Inc. 33608 Ortega Highway San Juan Capistrano, CA 92675-2042</td>
</tr>
<tr>
<td>Setup Schedule:</td>
<td>Set up: Tue-Sat; Report available: 1-4 days</td>
</tr>
<tr>
<td>Reference Range(s):</td>
<td>See Laboratory Report</td>
</tr>
<tr>
<td>Clinical Significance:</td>
<td>The JC Virus (JCV) is associated with progressive multifocal leukoencephalopathy (PML). Detection of antibodies to JCV in serum or plasma is a reliable indicator of exposure to JCV. The analytical performance characteristics were determined for multiple sclerosis patients.</td>
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</table>
### Order Choice Information

<table>
<thead>
<tr>
<th>Name:</th>
<th>DRUG SCREEN URINE, MC</th>
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</thead>
<tbody>
<tr>
<td>Abbreviation:</td>
<td>926905</td>
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<tr>
<td>Specimen Type:</td>
<td>Urine</td>
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<tr>
<td>Storage Temp:</td>
<td>REFRIG</td>
</tr>
<tr>
<td>CPT Code(s):</td>
<td>926905</td>
</tr>
<tr>
<td>Instrument/LOC:</td>
<td>BCI DXC 600</td>
</tr>
<tr>
<td>Tube/Container:</td>
<td>RU CUP (1), UDS ALQ (1), URINE ALQ 50ML (1)</td>
</tr>
<tr>
<td>Tests:</td>
<td>Amphetamines, Barbiturates, Benzodiazepines, Cocaine Metabolite, Cannabinoids(THC), Methadone, Methaqualone, Opiates, Phencyclidine, Propoxyphene, Creatinine Ur Conc., Specimen, Drug Screen</td>
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<tr>
<td>ASTM/HL7/SDF:</td>
<td>926905</td>
</tr>
<tr>
<td>Labcorp:</td>
<td>733692</td>
</tr>
<tr>
<td>Valid ICD-9 codes:</td>
<td>Yes</td>
</tr>
<tr>
<td>Valid ICD-10 codes:</td>
<td>No</td>
</tr>
<tr>
<td>Notes:</td>
<td>Patient preparation: None</td>
</tr>
<tr>
<td>Specimen collection:</td>
<td>Random Urine Cup</td>
</tr>
<tr>
<td>Specimen processing:</td>
<td>None</td>
</tr>
<tr>
<td>Specimen storage and preservation:</td>
<td>Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 7 days; Frozen Aliquot (-20°C) 14 days</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C), if shipping after 8 hours of collection.</td>
</tr>
<tr>
<td>Specimen acceptability:</td>
<td>Urine only</td>
</tr>
<tr>
<td>Freeze/Thaw:</td>
<td>1 cycle</td>
</tr>
<tr>
<td>Specimen rejection:</td>
<td>Improper Container or Labeling</td>
</tr>
<tr>
<td>Methodology:</td>
<td>EIA</td>
</tr>
<tr>
<td>Specimen referral:</td>
<td>Sent to LABCORP reference lab for positive confirmations.</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: LIPID PANEL, NON-FASTING
ABBREVIATION: 926909
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 80061
INSTRUMENT/LOC: DL2000
TUBE/CONTAINER: LT GRN (1)
TESTS: Cholesterol, Triglyceride, % HDL, HDL, LDL, VLDL, NON-HDL
INFORMATION: This is a non-fasting Lipid Panel only!
ASTM/HL7/SDF 1: 926909
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: Yes
NOTES:
Patient Preparation: None
Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum
Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.
Specimen Storage and Preservation:
Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days
Conditions for Specimen Transportation:
Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.
Specimen Acceptability: SST - SERUM
Freeze Thaw Cycle: 1 cycle
Specimen Rejection: Gross Hemolysis, Improper Container or Labeling.
Methodology: See individual tests.
Specimen Referral: None
# Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>LEAD, PEDI FILTER PAPER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>926918</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>LEAD FILTER PAPER</td>
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<tr>
<td>CPT CODE(S):</td>
<td>926918</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>STERILE CONTAINER (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>926918</td>
</tr>
<tr>
<td>CPL:</td>
<td>4289</td>
</tr>
<tr>
<td>ZCPL:</td>
<td>4289</td>
</tr>
<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - Filter paper collection card

- Specimen Processing:
  - Fingerstick blood sample on lead collection disk.
  - Prevent contamination between cards. Provide dime-sized, free-falling spots of blood on the card. Do not touch the filter paper to the skin. All samples must be sent to TDH laboratory. Room temperature.

- Conditions for specimen transportation
  - Room temperature

- Specimen Acceptability:
  - 6 months room temperature

- Methodology:
  - Inductively coupled plasma/mass spectrometry (icp/ms)

- Specimen Referral:
  - Clinical Pathology Laboratories
Order Choice Information

NAME: HIV 1/2 AB, DIFFERENTIATION
ABBREVIATION: 926929
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86701,86702
INSTRUMENT/LOC: LABCORP
TUBE/CONTAINER: ALQ1 (1), SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926929
LABCORP: 083904
VALID ICD-9 CODES: No
VALID ICD-10 CODES: Yes
NOTES:
Specimen:
Serum or plasma

Volume:
1 mL

Minimum Volume:
0.5 mL (Note: This volume does not allow for repeat testing.)

Container:
Gel-barrier tube, lavender-top (EDTA) tube, or red-top tube

Special Instructions:
This assay is intended for hospitals and laboratories that perform HIV screens and want to submit the remaining specimen for Multispot® analysis.

Collection:
If a red-top tube is used, transfer the separated serum to a plastic transport tube.

Storage Instructions:
Refrigerate. Stability: Room temperature for 48 hours, refrigerated for seven days. For long-term storage, freeze.

Causes for Rejection:
Heat-inactivated samples

Use:
HIV antibody detection and differentiation. This assay cannot be used for supplemental testing if the initial HIV screen was performed by Multispot.

Limitations:
Do not order for supplemental testing if the original screen was a Multispot.

Methodology:
Immunoassay (IA)
Order Choice Information

NAME: PROCOLLAGEN 1 PROPEPTIDE
ABBREVIATION: 926930
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 926930
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926930
CPL: 4177
ZCPL: 4177
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.
Note: collect all samples at the same time of day, as there
is a diurnal variation of pnp with the values being
higher at night.

Volume
0.3 mL serum

Conditions for specimen transportation
Refrigerated

Specimen Acceptability:
After separation from cells: 1 day room temperature; 5 days refrigerated; 2 months frozen

Specimen Rejection:
Hemolysis
lipemia
plasma

Methodology:
Quantitative radioimmunoassay (ria)

Specimen Referral:
Clinical Pathology Laboratories
Order Choice Information

NAME: SALMONELLA ANTIBODIES
ABBREVIATION: 926931
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 926931
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926931
CPL: 5331
ZCPL: 5331
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume
0.4 mL serum

Conditions for specimen transportation
Refrigerated

Specimen Acceptability:
5 days refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
contaminated samples
heat-inactivated samples

Methodology:
Qualitative enzyme immunoassay (eia)

Specimen Referral:
Clinical Pathology Laboratories

NAME: Peanut Component Allergy Profile
ABBREVIATION: 926937
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 86003(x5)
INSTRUMENT/LOC: LABCORP
TUBE/CONTAINER: SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 926937
LABCORP: 603904
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: Egg Component Allergy Profile</th>
<th>ABBREVIATION: 926938</th>
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<tbody>
<tr>
<td>SPECIMEN TYPE: Serum</td>
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<tr>
<td>STORAGE TEMP: REFRIG</td>
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<td>CPT CODE(S): 926938</td>
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<td>INSTRUMENT/LOC: LABCORP</td>
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<tr>
<td>TUBE/CONTAINER: SST GOLD (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 926938</td>
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<td>LABCORP: 603833</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
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</table>

<table>
<thead>
<tr>
<th>NAME: Varicella Zoster Virus, DNA PCR</th>
<th>ABBREVIATION: 926945</th>
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<tbody>
<tr>
<td>SPECIMEN TYPE: MISC</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 926945</td>
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<tr>
<td>INSTRUMENT/LOC: LABCORP</td>
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</tr>
<tr>
<td>TUBE/CONTAINER: STERILE CONTAINER (1)</td>
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<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 926945</td>
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<tr>
<td>LABCORP: 138313</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
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</table>
# Order Choice Information

**NAME:** HERPES SIMPLEX 1/2 PCR (SWAB)

**ABBREVIATION:** 926946

**SPECIMEN TYPE:** SWAB

**STORAGE TEMP:** CR FZN

**CPT CODE(S):** 926946

**INSTRUMENT/LOC:** CPL

**TUBE/CONTAINER:** VIRAL MEDIA (1)

**TESTS:** No tests in this specimen

**ASTM/HL7/SDF 1:** 926946

**CPL:** 5679

**LABCORP:** 138651

**ZCPL:** 5679

**VALID ICD-9 CODES:** No

**VALID ICD-10 CODES:** No

**NOTES:**

Specimen Collection:
Viral transport media

Specimen Processing:
When multiple tests are ordered, submit separate sample for this test.

**Volume**
Single swab

Conditions for specimen transportation
Critical frozen (CFZ)

Specimen Acceptability:
8 hours room temperature; 8 hours refrigerated;

**Methodology:**
Polymerase chain reaction (PCR)

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: HEPATITIS B GENOTYPE
ABBREVIATION: 926977
SPECIMEN TYPE: EDTA PLASMA
STORAGE TEMP: CR FZN
CPT CODE(S): 87912
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1), CPL PLASMA ALQ (1)
TESTS: No tests in this specimen
INFORMATION: 2 ML EDTA PLASMA. CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION.
ASTM/HL7/SDF 1: 926977
CPL: 5781
ZCPL: 5781
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
EDTA (lavender top) tube
Specimen Processing:
2 mL EDTA plasma. Centrifuge sample within 2 hours of collection. Remove plasma and transfer to a plastic transport tube. Freeze. Viral load is required. When multiple tests are ordered, submit separate tube for this test.
Volume
2 mL plasma
Conditions for specimen transportation
Frozen
Specimen Acceptability:
After separation from cells:
Methodology:
PCR/nucleic acid sequencing
Specimen Rejection:
Clotted samples
Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th><strong>NAME:</strong></th>
<th>HLA-B GENOTYPE</th>
</tr>
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<tbody>
<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>926979</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>EDTA WB</td>
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<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>REFRIG</td>
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<tr>
<td><strong>CPT CODE(S):</strong></td>
<td>926979</td>
</tr>
<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>CPL LAV (1)</td>
</tr>
<tr>
<td><strong>TESTS:</strong></td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td><strong>INFORMATION:</strong></td>
<td>TEST FOR HLA-B*5801 ANTIGEN.</td>
</tr>
<tr>
<td><strong>ASTM/HL7/SDF 1:</strong></td>
<td>926979</td>
</tr>
<tr>
<td><strong>CPL:</strong></td>
<td>4058</td>
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<tr>
<td><strong>ZCPL:</strong></td>
<td>4058</td>
</tr>
<tr>
<td><strong>VALID ICD-9 CODES:</strong></td>
<td>Yes</td>
</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**

Specimen Collection:
EDTA (lavender top) tube

Specimen Processing:
5 mL EDTA whole blood. Refrigerate.
Note: order this test for HLA-B Genotype and single antigen identification. Specify antigen on requisition.

Volume:
3 mL whole blood

Conditions for specimen transportation
Refrigerated

Specimen Acceptability:
3 days room temperature; 1 week refrigerated; unacceptable frozen

Specimen Rejection:
* Sodium or Lithium Heparin samples, frozen samples

Methodology:
Polymerase chain reaction (PCR)/sequence specific oligoclonal probe hybridization

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>HLA B27 Disease Association</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>927001</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>EDTA WB</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>RM TEMP</td>
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<td>CPT CODE(S):</td>
<td>81374</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>LABCORP</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>LAV (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>927001</td>
</tr>
<tr>
<td>LABCORP:</td>
<td>006924</td>
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<td>VALID ICD-10 CODES:</td>
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<td>NOTES:</td>
<td>Specimen Collection: EDTA (lavender top) tube</td>
</tr>
<tr>
<td>Volume:</td>
<td>2 mL whole blood</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td>Room Temperature</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>Specimen Rejection: Hemolysis; clotted specimen; tube other than lavender-top (EDTA) tube</td>
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<tr>
<td>Methodology:</td>
<td>Polymerase chain reaction (PCR)/sequence-specific oligonucleotide probes (SSOP)</td>
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<tr>
<td>Specimen Referral:</td>
<td>LABCORP</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: CHLAMYDIA/GONORRHEA DNA ThinPrep
ABBREVIATION: 927003
SPECIMEN TYPE: THIN PREP
STORAGE TEMP: RM TEMP
CPT CODE(S): 927003
INSTRUMENT/LOC: COBAS 4800
TUBE/CONTAINER: VIAL (1)
TESTS: Chlamydia trachomatis, Neisseria gonorrhoeae, CTNGCYT order
ASTM/HL7/SDF 1: 927003TP
CPL: 4123
ZCPL: 4123
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:

Patient preparation:
None

Test includes:
C. trachomatis (CT), N. gonorrhoeae (NG)

Specimen collection:
Cervical specimens collected in PreservCyt® solution

Specimen storage and preservation:
Stored at 2-30 °C for up to 6 months

Conditions for specimen transportation:
Room temperature

Specimen processing:
None

Specimen acceptability:
Cervical specimens in PreservCyt® solution

Specimen rejection:
Specimen collected in non PreservCyt solution; Frozen

Freeze/Thaw:
Do not freeze

Methodology:
Polymerase Chain Reaction (PCR)

Specimen referral:
Positive specimens are reported to the Texas Department of State and Health Services
NAME: PAI-1 GENOTYPING
ABBREVIATION: 927004
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 927004
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927004
CPL: 5242
ZCPL: 5242
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Preferred Specimen:
3 mL EDTA whole blood. Refrigerate.

Container Type:
EDTA (lavender top) tube

Volume:
3 mL whole blood

Transport Temperature:
Refrigerated

Specimen Stability:
3 days room temperature; 7 days refrigerated;

Methodology:
Polymerase Chain Reaction (PCR)/ fluorescence

Rejection Criteria:
Frozen samples
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<thead>
<tr>
<th>NAME:</th>
<th>ANTI-HMGCR AB</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<td>CPT CODE(S):</td>
<td>927007</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SERUM ALQ (1), CPL SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>927007</td>
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<tr>
<td>CPL:</td>
<td>3926</td>
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<td>ZCPL:</td>
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<td>VALID ICD-9 CODES:</td>
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<tr>
<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Preferred Specimen: 2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
</tbody>
</table>

**Container Type:**
Serum Separator Tube

**Volume:**
1ml serum

**Transport Temperature:**
Refrigerated

**Specimen Stability:**
7 days room temperature; 2 weeks refrigerated; 2 months frozen

**Methodology:**
Enzyme-Linked Immunosorbent assay (ELISA)

**Rejection Criteria:**
Hemolysis
Lipemia
Order Choice Information

NAME: PRIMARY HPV SCREENING W/REFLEX PAP
ABBREVIATION: 927023
SPECIMEN TYPE: THIN PREP
STORAGE TEMP: RM TEMP
CPT CODE(S): 927023
INSTRUMENT/LOC: COBAS 4800
TUBE/CONTAINER: VIAL (1)
TESTS: HR HPV 16, HR HPV 18, HR HPV OTHER, HPVGEN order, REFLEX TO PAP
ASTM/HL7/SDF 1: 927023
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient preparation:
None

Test includes:
High Risk HPV 16
High Risk HPV 18
High Risk HPV Other

Specimen collection:
Cervical specimens collected in PreservCyt® solution

Specimen storage and preservation:
Stored at 2-30 °C for up to 6 months

Conditions for specimen transportation:
Room temperature

Specimen processing:
None

Specimen acceptability:
Cervical specimens in PreservCyt® solution

Specimen rejection:
Specimen collected in non PreservCyt solution; Frozen

Freeze/Thaw:
Do not freeze

Methodology:
Polymerase Chain Reaction (PCR)

Specimen referral:
None
<table>
<thead>
<tr>
<th><strong>ORDER CHOICE INFORMATION</strong></th>
</tr>
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<tbody>
<tr>
<td>NAME: CHIKUNGUNYA IgG/IgM</td>
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<tr>
<td>ABBREVIATION: 927024</td>
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<tr>
<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: REFRIG</td>
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<tr>
<td>CPT CODE(S): 927024</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL SST GOLD (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 927024</td>
</tr>
<tr>
<td>CPL: 3838</td>
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<td>ZCPL: 3838</td>
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<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Preferred Specimen</td>
</tr>
<tr>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td>Note: Parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label samples as acute or convalescent.</td>
</tr>
<tr>
<td>Container Type</td>
</tr>
<tr>
<td>Serum separator tube</td>
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<tr>
<td>Volume</td>
</tr>
<tr>
<td>1 mL serum</td>
</tr>
<tr>
<td>Transport Temperature</td>
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<tr>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Stability</td>
</tr>
<tr>
<td>1 week room temperature; 2 weeks refrigerated;</td>
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<tr>
<td>Methodology</td>
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<tr>
<td>Enzyme-Linked Immunosorbent Assay (ELISA)</td>
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### Order Choice Information

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<th>HLA-B 5701</th>
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<tbody>
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<tr>
<td>Storage Temp:</td>
<td>REFRIG</td>
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<tr>
<td>CPT Code(s):</td>
<td>927025</td>
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<tr>
<td>Instrument/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>Tube/Container:</td>
<td>CPL LAV (1)</td>
</tr>
<tr>
<td>Tests:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>927025</td>
</tr>
<tr>
<td>CPL:</td>
<td>4189</td>
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<td>ZCPL:</td>
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<td>Valid ICD-9 Codes:</td>
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<td>Notes:</td>
<td>Specimen Collection:</td>
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<tr>
<td></td>
<td>EDTA (lavender top) tube</td>
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<tr>
<td></td>
<td>Specimen Processing:</td>
</tr>
<tr>
<td></td>
<td>3 mL EDTA whole blood. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>Volume:</td>
</tr>
<tr>
<td></td>
<td>3 mL whole blood</td>
</tr>
<tr>
<td></td>
<td>Conditions for specimen transportation</td>
</tr>
<tr>
<td></td>
<td>Refrigerated</td>
</tr>
<tr>
<td></td>
<td>Specimen Acceptability:</td>
</tr>
<tr>
<td></td>
<td>3 days room temperature; 1 week refrigerated; unacceptable frozen</td>
</tr>
<tr>
<td></td>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td></td>
<td>• Sodium or Lithium Heparin samples, frozen samples</td>
</tr>
<tr>
<td></td>
<td>Methodology:</td>
</tr>
<tr>
<td></td>
<td>POLYMERASE CHAIN REACTION (PCR)/SEQUENCE SPECIFIC OLIGONUCLEOTIDE (SSO) PROBES</td>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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<tr>
<td>NAME: HIV-1 GENOTYPE</td>
<td>ABBREVIATION: 927026</td>
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<td>SPECIMEN TYPE: EDTA PLASMA</td>
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<td>STORAGE TEMP: REFRIG</td>
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<td>CPT CODE(S): 927026</td>
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<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL LAV1 (1), CPL LAV2 (1), EDTA PLASMA (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
<td></td>
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<tr>
<td>ASTM/HL7/SDF 1: 927026</td>
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</tr>
<tr>
<td>CPL: 4860</td>
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<tr>
<td>ZCPL: 4860</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
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<tr>
<td>VALID ICD-10 CODES: No</td>
<td></td>
</tr>
<tr>
<td>NOTES: Specimen: Plasma</td>
<td></td>
</tr>
<tr>
<td>Volume: 7 mL</td>
<td></td>
</tr>
<tr>
<td>Container: Lavender-top (EDTA)</td>
<td></td>
</tr>
</tbody>
</table>

Storage Instructions:
Sample may be stored for 24 hours at room temperature. It is recommended that plasma be refrigerated for shipment.

Stability:
- Temperature/Period
  - Room temperature - 1 days
  - Refrigerated - 6 days

Causes for Rejection:
- Serum Specimen

Use:
This test is intended for use as an aid in the diagnosis of HIV-1 infection, including acute or primary infection. Presence of HIV-1 RNA in the plasma of patients without antibodies to HIV-1 is indicative of acute or primary HIV-1 infection. This assay may also be used as an additional test, when it is reactive, to confirm HIV-1 infection in an individual whose specimen is repeatedly reactive for HIV-1 antibodies.

Methodology:
Reverse transcription polymerase chain reaction
The Austin Diagnostic Clinic Laboratory  
12221 North Mopac Expressway  
AUSTIN, TX 78758

Order Choice Information

NAME: UROVYSION FISH  
ABBREVIATION: 927034  
SPECIMEN TYPE: 2NDMU  
STORAGE TEMP: REFRIG  
CPT CODE(S): 927034  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: URINE ALQ 50ML (1), URO-FISH CONTAINER (1)  
TESTS: No tests in this specimen  
INFORMATION: 2nd Morning Urine: Use Urovysion FISH collection container

ASTM/HL7/SDF 1: 927034  
CPL: 5647  
ZCPL: 5647  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES: Preferred Specimen:  
35 mL voided urine specimen from a second-morning clean catch sample. Collect in container provided by referral department. Refrigerate. Specimen source is required.

Container Type:  
Urovysion FISH collection container

Volume:  
35 mL urine

Transport Temperature:  
Refrigerated

Specimen Stability:  
3 days refrigerated if preserved in saccamanno or preservcyt fixative

Methodology:  
Fluorescence in Situ Hybridization (FISH)

Rejection Criteria:  
• specimens not fixed in saccamanno or preservcyt preservative samples with less than 35 mL volume
Order Choice Information

NAME: CARNITINE PALMITOYLTRANS II DEF.

ABBREVIATION: 927036
SPECIMEN TYPE: WB EDTA
STORAGE TEMP: RM TEMP
CPT CODE(S): 927036
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL WB LAV (1)
TESTS: No tests in this specimen
INFORMATION: SEND TO CPL FOR MAYO LAB- PATIENT INFORMED CONSENT AND INFORMATION FORMS MUST ACCOMMODATE.
ASTM/HL7/SDF 1: 927036
CPL: WILD 600
ZCPL: WILD 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Preferred:
Specimen Type: Whole blood

Container/Tube:
Preferred: Lavender top (EDTA) or yellow top (ACD)
Acceptable: Any anticoagulant
Specimen Volume: 3 mL

Collection Instructions:
1. Invert several times to mix blood.
2. Send specimen in original tube.

Specimen Stability Information: Ambient (preferred)/Refrigerated

Specimen Type: Cultured fibroblasts

Container/Tube: T-75 or T-25 flask
Specimen Volume: 1 Full T-75 or 2 full T-25 flasks
Specimen Stability Information: Ambient (preferred)/Refrigerated <24 hours

Specimen Type: Skin biopsy

Container/Tube: Sterile container with any standard cell culture media (eg, minimal essential media, RPMI 1640). The solution should be supplemented with 1% penicillin and streptomycin. Tubes can be supplied upon request (Eagle's minimum essential medium with 1% penicillin and streptomycin [Supply T115]).

Specimen Volume: 4-mm punch
Specimen Stability Information: Refrigerated (preferred)/Ambient

Specimen Type: Blood spot

Container/Tube:
Preferred: Collection card (Whatman Protein Saver 903 Paper)
Acceptable: Ahlstrom 226 filter paper, or Supplemental Newborn Screening Card (Supply T493)
Specimen Volume: 2 to 5 Blood spots on collection card (Whatman Protein Saver 903 Paper; Ahlstrom 226 filter paper; or Supplemental Newborn Screening Card, Supply T493)

Collection Instructions:
Order Choice Information

NAME: WILSON DISEASE MUTATION SCREEN  
ABBREVIATION: 927037  
SPECIMEN TYPE: WB EDTA  
STORAGE TEMP: RM TEMP  
CPT CODE(S): 927037  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL WB LAV (1)  
TESTS: No tests in this specimen  
INFORMATION: SEND TO CPL FOR MAYO LAB- PATIENT INFORMED CONSENT AND INFORMATION FORMS MUST ACCOMMODATE. DO NOT COLLECT OF FRIDAY.  
ASTM/HL7/SDF 1: 927037  
CPL: WILD 600  
ZCPL: WILD 600  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen must arrive within 96 hours of collection.  
Specimen Type:  
Whole blood  
Container/Tube:  
Preferred: Lavender top (EDTA) or yellow top (ACD)  
Acceptable:  
Any anticoagulant  
Specimen Volume: 3 mL  
Collection Instructions:  
1. Invert several times to mix blood.  
2. Send specimen in original tube.  
Specimen Stability Information:  
Ambient (preferred)/Refrigerated  
Forms:  
1. Molecular Genetics-Congenital Inherited Diseases Patient Information Sheet (Supply T521) in Special Instructions  
2. If not ordering electronically, submit a Molecular Genetics Request Form (Supply T245) with the specimen.  
Specimen Minimum Volume Defines the amount of specimen required to perform an assay once, including instrument and container dead space. Submitting the minimum specimen volume makes it impossible to repeat the test or perform confirmatory or perform reflex testing. In some situations, a minimum specimen volume may result in a QNS (quantity not sufficient) result, requiring a second specimen to be collected.  
Blood: 1 mL  
Reject Due To Identifies specimen types and conditions that may cause the specimen to be rejected  
Hemolysis- NA  
Lipemia- NA  
Icterus- NA  
Other- NA  
Specimen Stability Information Provides a description of the temperatures required to transport a specimen to the laboratory. Alternate acceptable temperature(s) are also included.  
Specimen Type:  
Varies  
Temperature Time:  
Varies
# Order Choice Information

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<thead>
<tr>
<th>NAME:</th>
<th>RSV BY DFA</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>927038</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>NASAL SWAB</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>CR REFRIG</td>
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<td>CPT CODE(S):</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>VIRAL MEDIA (1)</td>
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<td>TESTS:</td>
<td>No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
<td>6001</td>
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<td>6001</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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</tr>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Preferred Specimen:</td>
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<tr>
<td></td>
<td>Nasopharyngeal aspirate, swab, washing or tracheal aspirate in viral transport media. Critical refrigerate (CRF).</td>
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<td>Container Type:</td>
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<td>Viral transport container</td>
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<td>Transport Temperature:</td>
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<td>Critical refrigerated (CRF)</td>
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<td>Specimen Stability:</td>
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<tr>
<td></td>
<td>2 hours room temperature; 3 days refrigerated; unacceptable frozen</td>
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<tr>
<td></td>
<td>Methodology:</td>
</tr>
<tr>
<td></td>
<td>Direct fluorescent antibody (DFA)</td>
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<td>Rejection Criteria:</td>
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<td>*Dry swabs</td>
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<tr>
<td></td>
<td>*Calcium alginate swabs</td>
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<td>*EsSwabs</td>
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<tr>
<td></td>
<td>*Wood swabs</td>
</tr>
<tr>
<td></td>
<td>*Slides</td>
</tr>
<tr>
<td></td>
<td>*Frozen samples</td>
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<td></td>
<td>Specimen Referral:</td>
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<td></td>
<td>Clinical Pathology Laboratories</td>
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### Order Choice Information

<table>
<thead>
<tr>
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<td>Abbreviation: 927039</td>
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<tr>
<td>Specimen Type: Serum</td>
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<td>Storage Temp: Refrigerated</td>
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<td>CPT Code(s): 927039</td>
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<td>Instrument/LOC: CPL</td>
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<td>Tube/Container: CPL ALQ (1), CPL SST GOLD (1)</td>
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<tr>
<td>Tests: No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1: 927039</td>
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<td>CPL: 3896</td>
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<td>ZCPL: 3896</td>
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<td>Valid ICD-9 Codes: No</td>
</tr>
<tr>
<td>Valid ICD-10 Codes: No</td>
</tr>
<tr>
<td>Notes:</td>
</tr>
<tr>
<td>Preferred Specimen:</td>
</tr>
<tr>
<td>2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.</td>
</tr>
<tr>
<td>Container Type:</td>
</tr>
<tr>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Volume:</td>
</tr>
<tr>
<td>3 mL serum</td>
</tr>
<tr>
<td>Transport Temperature:</td>
</tr>
<tr>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Stability:</td>
</tr>
<tr>
<td>1 week room temperature; 1 month refrigerated;</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: INFLUENZA A/B IGG & IGM
ABBREVIATION: 927040
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 927040
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SERUM ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927040
CPL: 4572
ZCPL: 4572
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube
Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume:
2 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells

Specimen Rejection:
Hemolysis

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>Name: MYOMARKER 3 PANEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviation: 927041</td>
</tr>
<tr>
<td>Specimen Type: Serum</td>
</tr>
<tr>
<td>Storage Temp: Refrigerated</td>
</tr>
<tr>
<td>CPT Code(s): 927041</td>
</tr>
<tr>
<td>Instrument/LOC: CPL</td>
</tr>
<tr>
<td>Tube/Container: CPL ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>Tests: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 927041</td>
</tr>
<tr>
<td>CPL: 4365</td>
</tr>
<tr>
<td>ZCPL: 4365</td>
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<tr>
<td>Valid ICD-9 Codes: No</td>
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<tr>
<td>Valid ICD-10 Codes: No</td>
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<tr>
<td>Notes: Preferred Specimen: 3 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.</td>
</tr>
<tr>
<td>Container Type: Serum separator tube</td>
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<tr>
<td>Volume: 3 mL serum</td>
</tr>
<tr>
<td>Transport Temperature: Refrigerated</td>
</tr>
<tr>
<td>Specimen Stability: 3 days room temperature; 1 week refrigerated;</td>
</tr>
<tr>
<td>Methodology: Immunoprecipitation (ipp)</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: COPPER, SERUM (MAYO)
ABBREVIATION: 927043
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 927043
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL TR/MET RBLUE (1), CPL TR/METAL ALQ (1)
TESTS: No tests in this specimen
INFORMATION: UPON THE ADVICE OF THEIR PHYSICIANS, PATIENTS SHOULD BE ENCOURAGED TO DISCONTINUE NUTRITIONAL SUPPLEMENTS, VITAMINS, MINERALS, AND NON-ESSENTIAL OVER-THE-COUNTER MEDICATIONS FOR ONE WEEK PRIOR TO COLLECTION.
***CPL instructions: Send To MAYO***

ASTM/HL7/SDF 1: 927043
CPL: Wild 600
ZCPL: Wild 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Trace metal (royal blue top) tube without additive

Specimen Processing:
2 mL serum from a royal blue trace metal-free tube without additive. Centrifuge sample and separate serum from cells within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate.
Diet, medication, and nutritional supplements may introduce interfering substances. Upon the advice of their physician, patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications for one week prior to collection. Avoid exposure to contrast media for 96 hours prior to collection.

Volume
0.2 mL rb serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated

Specimen Rejection:
Samples collected in tube with additive

Methodology:
Inductively coupled plasma/mass spectrometry (icp/ms)

Specimen Referral:
Clinical Pathology Laboratories, Mayo Lab
**NAME:** HLA D/DR TYPING  
**ABBREVIATION:** 927046  
**SPECIMEN TYPE:** EDTA WB  
**STORAGE TEMP:** RM TEMP  
**CPT CODE(S):** 81376  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL LAV1 (1), CPL LAV2 (1), CPL LAV3 (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF:** 927046  
**CPL:** 5453  
**ZCPL:** 5453  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
EDTA (Lavender top) tube  

Specimen Processing::  
14 mL EDTA whole blood. Room temperature. Note: this test should not be used for transplantation. The level of resolution does not meet criteria for transplantation.  

**Volume:**  
14 mL whole blood  

Conditions for specimen transportation  
Room temperature  

**Specimen Acceptability:**  
1 week room temperature; 1 week refrigerated;  

**Specimen Rejection:**  
•Citrate (light blue top) whole blood  

**Methodology:**  
Polymerase chain reaction (PCR)  

**Specimen Referral:**  
Clinical Pathology Laboratories
NAME: VARICELLA ZOSTER, PCR
ABBREVIATION: 927047
SPECIMEN TYPE: Spinal Fluid
STORAGE TEMP: REFRIG
CPT CODE(S): 927047
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CSF (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927047
CPL: 5776
ZCPL: 5776
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Sterile Collection Container

Specimen Processing:
1 mL CSF. Refrigerate.

Volume:
0.5 mL CSF

Conditions for specimen transportation
Refrigerated

Specimen Acceptability:
4 hours room temperature; 2 weeks refrigerated; 2 weeks frozen

Specimen Rejection:
•Will reject plasma samples

Methodology:
PCR

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME:</th>
<th>GLUCOSE, CSF</th>
</tr>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>927048</td>
<td>SPECIMEN TYPE:  Spinal Fluid</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>927048</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED (1)</td>
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<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>927048</td>
</tr>
<tr>
<td>CPL:</td>
<td>2101</td>
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<td>ZCPL:</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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</tr>
<tr>
<td>NOTES:</td>
<td>Patient preparation:</td>
</tr>
<tr>
<td></td>
<td>Specimen collected in doctor's office.</td>
</tr>
<tr>
<td></td>
<td>Specimen collection:</td>
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<tr>
<td></td>
<td>CSF collection container</td>
</tr>
<tr>
<td></td>
<td>0.5 mL CSF</td>
</tr>
<tr>
<td>Specimen processing:</td>
<td>1 mL cerebrospinal fluid. Refrigerate.</td>
</tr>
<tr>
<td></td>
<td>For STAT orders, please contact your local CPL laboratory for local specimen requirements.</td>
</tr>
<tr>
<td>Specimen storage and preservation:</td>
<td>1 day room temperature; 5 days refrigerated; 1 month frozen</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Refrigerated</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Olympus AU600 quantitative procedure or other automated chemistry procedure</td>
</tr>
<tr>
<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
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## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CMV QUALITATIVE, PCR CSF</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>927049</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Spinal Fluid</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>927049</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>LABCORP</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CSF (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
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<td>LABCORP:</td>
<td>138693</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Patient preparation: Spinal tap is performed on patient. Specimen collection: Submit in sterile container (CSF). Cerebrospinal fluid (CSF; Volume 0.5 mL, Minimum Volume 0.2 mL). Specimen processing: Send in a plastic transport tube. To avoid delays in turnaround time when requesting multiple tests on frozen samples, please submit separate frozen specimens for each test requested. Specimen storage and preservation: CSF is stable at room temperature or refrigerated for seven days or frozen for 90 days. Conditions for specimen transportation: Refrigerated Specimen acceptability: CSF; Use different order choice for blood specimen. Specimen rejection: Quantity not sufficient for analysis; gross specimen contamination; specimen too old; leaking or broken tube. Methodology: Real-time polymerase chain reaction (PCR) Specimen referral: LabCorp</td>
</tr>
<tr>
<td>Use:</td>
<td>This test is intended to be used as an aid in the diagnosis of CMV infection.</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: RA Dx Panel IdentRA w/ 14-3-3
ABBREVIATION: 927050
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 927050
INSTRUMENT/LOC: QUEST
TUBE/CONTAINER: SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF: 927050
QUEST: 91472
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No

NOTES:
Patient preparation:
Perform venipuncture. Order choice Includes the following tests;
Rheumatoid Factor, Cyclic Citrullinated Peptide (CCP) Antibody (IgG), 14-3-3 eta Protein*

Specimen collection:
Serum Separator Tube, 3 mL serum

Specimen processing:
See individual assays

Specimen Stability:
See individual assays

Specimen storage and preservation:
Room temperature: 4 days
Refrigerated: 7 days
Frozen: 21 days

Conditions for specimen transportation:
Serum: Refrigerated preferred; Room temperature unacceptable; Frozen acceptable

Specimen acceptability:
Serum, no CSF

Specimen rejection:
Gross hemolysis • Gross lipemia • Plasma • Heat-treated samples

Methodology:
Enzyme Linked Immunosorbent Immunoassay (ELISA) • Immunoturbidimetric Assay
This test was developed and its performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary. Performance characteristics refer to the analytical performance of the test.

Specimen referral:
Quest Diagnostics Nichols Institute
33608 Ortega Highway
San Juan Capistrano, CA 92675-2042
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME: MOLAR PREGNANCY, 16 DNA MARKERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 927059</td>
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<tr>
<td>SPECIMEN TYPE: PARAFFIN BLOCK</td>
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<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<td>CPT CODE(S): 927059</td>
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<tr>
<td>INSTRUMENT/LOC: zCPL</td>
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<tr>
<td>TUBE/CONTAINER: BLOCK (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 927059</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>NAME: CREATININE BODY FLUID</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION: 927061</td>
</tr>
<tr>
<td>SPECIMEN TYPE: FLUID</td>
</tr>
<tr>
<td>STORAGE TEMP: RM TEMP</td>
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<tr>
<td>CPT CODE(S): 927061</td>
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<tr>
<td>INSTRUMENT/LOC: CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER: CPL PLASTIC VIAL (1)</td>
</tr>
<tr>
<td>TESTS: No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1: 927061</td>
</tr>
<tr>
<td>CPL: 2023</td>
</tr>
<tr>
<td>ZCPL: 2023</td>
</tr>
<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
</tbody>
</table>

NOTES:
- Patient Preparation: None

Specimen Collection: Body Fluid collection Container

Specimen Processing: 1 mL body fluid in a sterile collection container. Centrifuge sample to remove cellular material. Refrigerate. Indicate source of sample on requisition.

Specimen Storage and Preservation: After centrifugation: 5 days room temperature; 1 month refrigerated; 6 months frozen

Conditions for Specimen Transportation: Transport refrigerated

Specimen Acceptability: Body Fluid; Specify source

Specimen Rejection: Viscous samples

Methodology: Spectrophotometry

Specimen Referral: CPL
Order Choice Information

NAME: CULTURE ROUTINE, REFLEX FUNGAL ID
ABBREVIATION: 927062
SPECIMEN TYPE: SWAB
STORAGE TEMP: RM TEMP
CPT CODE(S): 927062
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL CX (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927062
CPL: 6117
ZCPL: 6117
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Dual culture swab in transport media

Specimen Processing:
Bacterial culturette swab inoculated with infected material.
Room temperature.

Volume:
1 swab in a culturette transport

Conditions for specimen transportation:
Room temperature

Acceptability:
1 day room temperature samples received between 24-48 hours after collection will be reported with the following comment:
"specimens were not received into laboratory within 24 hours. Some organisms may have significant loss of viability. Recollection should be considered." body fluid or tissue: 1 day room temperature

Specimen Rejection:
Will reject viral transport media, swabs collected more than 2 days prior to submission, dry swabs, non-sterile or leaking containers, expired transport media, frozen specimens, specimens in fixative (formalin), and swabs not submitted in transport media

Methodology:
Standard culture methodology note: gram stain will be performed on all specimen sources except ears, eyes, nasal, skin, scalp, throat and genital.

Specimen Referral:
Clinical Pathology Laboratories
NAME: GADOLINIUM 24HR URINE
ABBREVIATION: 927063
SPECIMEN TYPE: Urine
STORAGE TEMP: REFRIG
CPT CODE(S): 927063
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: 24HR ALQ (1), CPL 24U ALQ (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927063
CPL: WILD600
ZCPL: WILD600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Urine collection container

Specimen Processing:
24 hour urine refrigerated during collection. Record total volume. Transfer 4 mL from a well-mixed 24 hr collection to a plastic aliquot tube. Freeze. When multiple tests are ordered, submit separate sample for this test.

Volume
1 mL urine

Conditions for specimen transportaion:
Frozen

Specimen Acceptability:
Unacceptable room temperature; 2 weeks refrigerated; 6 months frozen

Specimen Rejection:
Acidified samples
room temperature samples
samples submitted in preservative

Methodology:
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>11ZDEOXYCORTISOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>927064</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>CR FZN</td>
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<tr>
<td>CPT CODE(S):</td>
<td>927064</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SRM FZN (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>927064</td>
</tr>
<tr>
<td>CPL:</td>
<td>4068</td>
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<td>ZCPL:</td>
<td>4068</td>
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<tr>
<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
<td>1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. When multiple tests are ordered, submit separate tube for this test.</td>
</tr>
<tr>
<td>Volume:</td>
<td>0.3 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
<td>Frozen</td>
</tr>
<tr>
<td>Specimen Acceptability:</td>
<td>After separation from cells: unacceptable room temperature; 1 week refrigerated; 6 months frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
<td>Hemolysis; room temperature samples</td>
</tr>
<tr>
<td>Methodology:</td>
<td>High performance liquid chromatography-tandem mass spectrometry (hplc-ms/ms)</td>
</tr>
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<td>Specimen Referral:</td>
<td>Clinical Pathology Laboratories</td>
</tr>
<tr>
<td><strong>NAME:</strong></td>
<td>NEISSERIA MENINGITIDIS IgG</td>
</tr>
<tr>
<td>-----------</td>
<td>-----------------------------</td>
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<tr>
<td><strong>ABBREVIATION:</strong></td>
<td>927065</td>
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<tr>
<td><strong>SPECIMEN TYPE:</strong></td>
<td>Serum</td>
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<tr>
<td><strong>STORAGE TEMP:</strong></td>
<td>REFRIG</td>
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<tr>
<td><strong>CPT CODE(S):</strong></td>
<td>927065</td>
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<tr>
<td><strong>INSTRUMENT/LOC:</strong></td>
<td>CPL</td>
</tr>
<tr>
<td><strong>TUBE/CONTAINER:</strong></td>
<td>CPL ALQ1 (1), CPL SST GOLD (1)</td>
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<tr>
<td><strong>TESTS:</strong></td>
<td>No tests in this specimen</td>
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<td><strong>ASTM/HL7/SDF 1:</strong></td>
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<td><strong>VALID ICD-9 CODES:</strong></td>
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</tr>
<tr>
<td><strong>VALID ICD-10 CODES:</strong></td>
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</tr>
</tbody>
</table>

**NOTES:**

Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Refrigerate.

Volume:
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Plasma; Body Fluid

Methodology:
Multi-analyte fluorescent detection
<table>
<thead>
<tr>
<th>NAME:</th>
<th>TRYpanosoma CRUzi IgG</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
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</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>927072</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SERUM ALQ (1), CPL SST GOLD (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1:</td>
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<td>VALID ICD-9 CODES:</td>
<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
</tr>
</tbody>
</table>

**NOTES:**
- Preferred Specimen: 0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent. Note: this assay should not be used for blood donor screening or associated re-entry protocols, or for screening human cell and cellular tissue-based products (hct/ps).

- Container Type: Serum separator tube
- Volume: 0.2 mL serum
- Transport Temperature: Refrigerated

**Specimen Stability:**
- After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen.

**Methodology:**
- Enzyme-linked immunosorbent assay (ELISA)

**Rejection Criteria:**
- Hemolysis, lipemia, icterus, contaminated samples, heat-inactivated samples, turbid samples and plasma specimens.
NAME: CV AMOEBC ANTIBODIES
ABBREVIATION: 927081
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 927081
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: CLEARLY LABEL SAMPLES AS CONVALESCENT.
ASTM/HL7/SDF 1: 927081
CPL: 4500
ZCPL: 4500
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate.
Parallel testing is preferred and convalescent samples must
be received within 30 days of receipt of acute samples.
Clearly label samples as acute or convalescent.

Volume
0.5 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
contaminated samples
heat-inactivated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
<th>Name: CV ARBORVIRUS IGM, SERUM</th>
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<tbody>
<tr>
<td>Abbreviation: 927082</td>
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<tr>
<td>Specimen Type: Serum</td>
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<td>Storage Temp: REFRIG</td>
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<td>Instrument/LOC: CPL</td>
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<td>Tube/Container: CPL ALQ (1), CPL SST GOLD (1)</td>
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<tr>
<td>Tests: No tests in this specimen</td>
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**Information:**

- Note: Parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Label samples clearly as acute or convalescent.
- ASTM/HL7/SDF 1: 927082
- CPL: 5655
- ZCPL: 5655
- Valid ICD-9 Codes: No
- Valid ICD-10 Codes: No

**Notes:**

- Specimen Collection:
- Serum separator tube

- Specimen Processing:
- 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate.
- Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Label samples clearly as acute or convalescent.

**Volume**

- 1 mL serum

**Conditions for specimen transportation:**

- Refrigerated

**Specimen Acceptability:**

- After separation from cells:

**Specimen Rejection:**

- Hemolysis

**Methodology:**

- Indirect fluorescent antibody (IFA)/

**Specimen Referral:**

- Clinical Pathology Laboratories
NAME: CV CYSTICERCOSIS IGG
ABBREVIATION: 927083
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 927083
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927083
CPL: 4667
ZCPL: 4667
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
0.1 mL

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
icterus
contaminated samples
heat-inactivated samples
CSF
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
<table>
<thead>
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<td>TUBE/CONTAINER:</td>
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<td>TESTS:</td>
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<td>INFORMATION:</td>
<td>NOTE: IF PARALLEL TESTING IS DESIRED, SUBMIT ACUTE AND CONVALESCENT SAMPLES TOGETHER. BOTH SAMPLES ARE FROZEN. CLEARLY LABEL SAMPLES AS ACUTE OR CONVALESCENT AND INCLUDE DATES OF COLLECTION.</td>
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**ASTM/HL7/SDF 1:** 927084  
**CPL:** 4188  
**ZCPL:** 4188  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
2.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: if parallel testing is desired, submit acute and convalescent samples together. Clearly label samples as acute or convalescent.  
**Volume**  
2.5 mL serum  
**Conditions for specimen transportation:**  
Refrigerated  
**Specimen Acceptability:**  
3 days refrigerated; 1 year frozen  
**Specimen Rejection:**  
Hemolysis  
**Methodology:**  
Rickettsia: indirect immunofluorescence AB  
**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

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<th>Storage Temp: REFRIG</th>
<th>CPT Code(S): 927085</th>
<th>Instrument/Loc: CPL</th>
<th>Tube/Container: CPL ALQ (1), CPL SST GOLD (1)</th>
<th>Tests: No tests in this specimen</th>
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<tr>
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<tr>
<td><strong>NAME:</strong> CV RUBEOLA IGG ANTIBODY</td>
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Information: Note: Parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

ASTM/HL7/SDF 1: 927085

CPL: 4588
ZCPL: 4588

Valid ICD-9 Codes: No
Valid ICD-10 Codes: No

### Notes:

- **5/24/2013 08:56:56** - Alias: Measles (Rubeola) Antibody, Rubeola (Measles) Antibody

***
**Order Choice Information**

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<td>ASTM/HL7/SDF 1: 927087</td>
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<td>NOTES:</td>
</tr>
<tr>
<td>Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
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Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
0.1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross lipemia
icterus
contaminated samples
heat-inactivated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
**Order Choice Information**

<table>
<thead>
<tr>
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<tr>
<td>ABBREVIATION: 927088</td>
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<td>TESTS: No tests in this specimen</td>
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<td>INFORMATION: TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. NOTE: PARALLEL TESTING IS PREFERRED AND CONVALESCENT SAMPLES MUST BE RECEIVED WITHIN 30 DAYS OF RECEIPT OF ACUTE SAMPLES. CLEARLY LABEL SAMPLES AS ACUTE OR CONVALESCENT.</td>
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<td>NOTES:</td>
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<tr>
<td>Specimen Collection:</td>
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<tr>
<td>Serum separator tube</td>
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**Specimen Processing:**

1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label samples as acute or convalescent.

**Volume**

1 mL serum

**Conditions for specimen transportation:**

Refrigerated

**Specimen Acceptability:**

After separation from cells:

**Specimen Rejection:**

Hemolysis

**Methodology:**

Semi-quantitative enzyme-linked immunosorbent

**Specimen Referral:**

Clinical Pathology Laboratories
NAME: CV ECHOVIRUS ANTIBODIES
ABBREVIATION: 927091
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 927091
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
INFORMATION: Mark sample and req with acute or convalescent status.
ASTM/HL7/SDF 1: 927091
CPL: 4548
ZCPL: 4548
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
3 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
1 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Plasma

Methodology:
Serum neutralization assay

Specimen Referral:
Clinical Pathology Laboratories
### Order Choice Information

**NAME:** CV LEGIONELLA IGG/IGM  
**ABBREVIATION:** 927092  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 927092  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 927092  
**CPL:** 4577  
**ZCPL:** 4577  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.  

**Volume**  
1 mL serum  

**Conditions for specimen transportation:**  
Refrigerated  

**Specimen Acceptability:**  
After separation from cells:  

**Specimen Rejection**  
Hemolysis  

**Methodology:**  
Indirect fluorescent antibody (IFA)  

**Specimen Referral:**  
Clinical Pathology Laboratories
## Order Choice Information

**NAME:** CV EHRLICHIA IGG/IGM  
**ABBREVIATION:** 927093  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 927093  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 927093  
**CPL:** 4669  
**ZCPL:** 4669  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

### NOTES:

**Specimen Collection:**
- Serum separator tube

**Specimen Processing:**
- 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

**Volume**
- 0.05 mL serum

**Conditions for specimen transportation:**
- Refrigerated

**Specimen Acceptability:**
- After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

**Specimen Rejection:**
- Hemolysis
- gross lipemia
- contaminated samples
- avoid repeated freeze/thaw cycles

**Methodology:**
- Indirect fluorescent antibody (IFA)

**Specimen Referral:**
- Clinical Pathology Laboratories
<table>
<thead>
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<td>Specimen Collection:</td>
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<td>Serum separator tube</td>
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<tr>
<td>2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.</td>
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<td>Volume</td>
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<td>0.5 mL serum</td>
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<td>Specimen Acceptability:</td>
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<td>After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen</td>
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<td>Hemolysis</td>
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<td>gross lipemia</td>
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<tr>
<td>contaminated samples</td>
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<td>avoid repeated freeze/thaw cycles</td>
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<td>Methodology:</td>
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<td>Complement fixation (cf)</td>
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<td>Name: CV CAT SCRATCH FEVER IGG</td>
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<td>Volume: 0.5 mL serum</td>
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<td>Specimen Rejection: Hemolysis lipemia contaminated samples</td>
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<td>Methodology: Indirect fluorescent antibody (IFA)</td>
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### Order Choice Information

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<td>Serum separator tube</td>
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<td>Specimen Rejection:</td>
<td>Hemolysis, lipemia, contaminated samples</td>
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<td>Methodology:</td>
<td>Indirect fluorescent antibody (IFA)</td>
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<td>Scientific name:</td>
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ABBREVIATION: 927097  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 927097  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 927097  
CPL: 4587  
ZCPL: 4587  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.  
Volume  
0.2 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  
Specimen Rejection:  
Hemolysis  
gross lipemia  
contaminated samples  
heat-inactivated samples  
avoid repeated freeze/thaw cycles  
Methodology:  
Enzyme-linked immunosorbent assay (ELISA)  
Specimen referral:  
Clinical Pathology Laboratories
**Order Choice Information**

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<tr>
<td>TESTS: No tests in this specimen</td>
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<td>INFORMATION: NOTE: PARALLEL TESTING IS PREFERRED AND CONVALESCENT SAMPLES MUST BE RECEIVED WITHIN 30 DAYS OF RECEIPT OF ACUTE SAMPLES. CLEARLY LABEL SAMPLE AS ACUTE OR CONVALESCENT.</td>
</tr>
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<td>ASTM/HL7/SDF 1: 927098</td>
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<tr>
<td>CPL: 4588</td>
</tr>
<tr>
<td>ZCPL: 4588</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
</tr>
<tr>
<td>NOTES: Specimen Collection:</td>
</tr>
<tr>
<td>Serum separator tube</td>
</tr>
<tr>
<td>Specimen Processing:</td>
</tr>
<tr>
<td>0.5 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.</td>
</tr>
<tr>
<td>Volume 0.1 mL serum</td>
</tr>
<tr>
<td>Conditions for specimen transportation:</td>
</tr>
<tr>
<td>Refrigerated</td>
</tr>
<tr>
<td>Specimen Stability:</td>
</tr>
<tr>
<td>After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen</td>
</tr>
<tr>
<td>Specimen Rejection:</td>
</tr>
<tr>
<td>Hemolysis</td>
</tr>
<tr>
<td>gross lipemia</td>
</tr>
<tr>
<td>icterus</td>
</tr>
<tr>
<td>contaminated samples</td>
</tr>
<tr>
<td>heat-inactivated samples</td>
</tr>
<tr>
<td>avoid repeated freeze/thaw cycles</td>
</tr>
<tr>
<td>Methodology:</td>
</tr>
<tr>
<td>Enzyme-linked immunosorbent assay (ELISA)</td>
</tr>
<tr>
<td>Specimen Referral:</td>
</tr>
<tr>
<td>Clinical Pathology Laboratories</td>
</tr>
</tbody>
</table>
Order Choice Information

NAME: CV ECHINOCOCCAL ABS
ABBREVIATION: 927099
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 927099
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927099
CPL: 4549
ZCPL: 4549
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

Volume
0.3 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Lipemia
contaminated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
NAME: CV INFLUENZA B IGG
ABBREVIATION: 927100
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 927100
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927100
CPL: 4666
ZCPL: 4666
VALID ICD-9 CODES: Yes
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate. Note: parallel testing is preferred and
convalescent samples must be received within 30 days of
receipt of acute samples. Clearly label sample as acute or
convalescent.

Volume
0.05 mL serum

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
lipemia
icterus
contaminated samples
heat-inactivated samples
turbid samples
plasma

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
NAME: CV INFLUENZA B IGM  
ABBREVIATION: 927101  
SPECIMEN TYPE: Serum  
STORAGE TEMP: REFRIG  
CPT CODE(S): 927101  
INSTRUMENT/LOC: CPL  
TUBE/CONTAINER: CPL SST GOLD (1)  
TESTS: No tests in this specimen  
ASTM/HL7/SDF 1: 927101  
CPL: 4668  
ZCPL: 4668  
VALID ICD-9 CODES: No  
VALID ICD-10 CODES: No  
NOTES:  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.  
Volume  
0.05 mL serum  
Conditions for specimen transportation:  
Refrigerated  
Specimen Acceptability:  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  
Methodology:  
Enzyme-linked immunosorbent assay (ELISA)  
Specimen Rejection:  
Hemolysis  
lipemia  
icterus  
contaminated samples  
heat-inactivated samples  
turbid samples  
plasma  
Specimen Referral:  
Clinical Pathology Laboratories
# Order Choice Information

**NAME:** CV TOXOCARA AB  
**ABBREVIATION:** 927102  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** REFRIG  
**CPT CODE(S):** 927102  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 927102  
**CPL:** 5272  
**ZCPL:** 5272  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  

**NOTES:**  
Specimen Collection:  
Serum separator tube  

Specimen Processing:  
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.  

Volume  
0.6 mL serum  

Conditions for specimen transportation:  
Refrigerated  

Specimen Acceptability:  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  

Specimen Rejection:  
Hemolysis  
lipemia  
contaminated samples  
heat-inactivated samples  
avoid repeated freeze/thaw cycles  

Methodology:  
Enzyme-linked immunosorbent assay (ELISA)  

Specimen Referral:  
Clinical Pathology Laboratories
Order Choice Information

NAME: CV VARICELLA TITER IGM
ABBREVIATION: 927103
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 927103
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927103
CPL: 4664
ZCPL: 4664
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
1 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE. NOTE: PARALLEL TESTING IS PREFERRED AND CONVALESCENT SAMPLES MUST BE RECEIVED WITHIN 30 DAYS OF RECEIPT OF ACUTE SAMPLES. CLEARLY LABEL SAMPLES AS ACUTE OR CONVALESCENT. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.

Volume
0.1 mL serum

Conditions for specimen transportation:
Frozen

Specimen Acceptability:
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

Specimen Rejection:
Hemolysis
gross hemolysis
icterus
contaminated samples
heat-inactivated samples
avoid repeated freeze/thaw cycles

Methodology:
Enzyme-linked immunosorbent assay (ELISA)

Specimen Referral:
Clinical Pathology Laboratories
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CV BORDETELLA IGG</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>927104</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<tr>
<td>STORAGE TEMP:</td>
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<td>CPT CODE(S):</td>
<td>927104</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL SST GOLD (1)</td>
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<tr>
<td>TESTS:</td>
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<td>ASTM/HL7/SDF 1:</td>
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<tr>
<td>CPL:</td>
<td>4345</td>
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<td>ZCPL:</td>
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<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
<td>No</td>
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<tr>
<td>NOTES:</td>
<td>Specimen Collection: Serum separator tube</td>
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</table>

**Specimen Processing:**
1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label samples as acute or convalescent.

**Volume**
1 mL

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
After separation from cells:

**Specimen Rejection:**
Hemolysis

**Methodology:**
Semi-quantitative enzyme-linked immunosorbent

**Specimen Referral:**
Clinical Pathology Laboratories
NAME: CV BORDETELLA IGA/IGG/IGM
ABBREVIATION: 927105
SPECIMEN TYPE: Serum
STORAGE TEMP: REFRIG
CPT CODE(S): 927105
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL SST GOLD (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927105
CPL: 3990
ZCPL: 3990
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Serum separator tube

Specimen Processing:
2 mL serum. Allow SST to clot in an upright position for
at least 30 minutes, then centrifuge sample within 2 hours
of collection. Transfer serum to a plastic transport tube.
Refrigerate. Note: parallel testing is preferred and
convalescent samples must be received within 30 days of
receipt of acute samples. Clearly label samples as acute
or convalescent.

Volume
2 mL

Conditions for specimen transportation:
Refrigerated

Specimen Acceptability:
After separation from cells:

Specimen Rejection:
Lipemia

Methodology:
Semi-quantitative enzyme-linked immunosorbent

Specimen Referral:
Clinical Pathology Laboratories
# Order Choice Information

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<tr>
<th>NAME:</th>
<th>CV COCCIDIOIDES IGG/IGM ABS</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>927106</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<td>CPT CODE(S):</td>
<td>927106</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ALQ (1), CPL SST GOLD (1)</td>
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<td>TESTS:</td>
<td>No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1:</td>
<td>927106</td>
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<tr>
<td>CPL:</td>
<td>5582</td>
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<td>ZCPL:</td>
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<td>No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES:</td>
<td>No</td>
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</table>

**NOTES:**

**Specimen Collection:**
Serum separator tube

**Specimen Processing:**
2 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

**Volume**
0.5 mL serum

**Conditions for specimen transportation:**
Refrigerated

**Specimen Acceptability:**
2 days room temperature; 2 weeks refrigerated; 1 year frozen

**Specimen Rejection:**
Hemolysis
gross lipemia
contaminated samples
avoid repeated freeze/thaw cycles

**Methodology:**
Enzyme-linked immunosorbent assay (ELISA)

**Specimen Referral:**
Clinical Pathology Laboratories
**NAME:** CV VARICELLA ZOSTER IGG/IGM  
**ABBREVIATION:** 927107  
**SPECIMEN TYPE:** Serum  
**STORAGE TEMP:** CR FZN  
**CPT CODE(S):** 927107  
**INSTRUMENT/LOC:** CPL  
**TUBE/CONTAINER:** CPL ALQ (1), CPL SST GOLD (1)  
**TESTS:** No tests in this specimen  
**ASTM/HL7/SDF 1:** 927107  
**CPL:** 3720  
**ZCPL:** 3720  
**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No  
**NOTES:**  
Specimen Collection:  
Serum separator tube  
Specimen Processing:  
2 ML SERUM. ALLOW SST TO CLOT IN AN UPRIGHT POSITION FOR AT LEAST 30 MINUTES, THEN CENTRIFUGE SAMPLE WITHIN 2 HOURS OF COLLECTION. TRANSFER SERUM TO A PLASTIC TRANSPORT TUBE. FREEZE.  
NOTE: PARALLEL TESTING IS PREFERRED AND CONVALESCENT SAMPLES MUST BE RECEIVED WITHIN 30 DAYS OF RECEIPT OF ACUTE SAMPLES. CLEARLY LABEL SAMPLES AS ACUTE OR CONVALESCENT. WHEN MULTIPLE TESTS ARE ORDERED, SUBMIT SEPARATE TUBE FOR THIS TEST.  
**Volume**  
0.5 mL serum  
**Conditions for specimen transportation:**  
Frozen  
**Specimen Acceptability:**  
After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen  
**Specimen Rejection:**  
Hemolysis  
lipemia  
gross icterus  
contaminated samples  
heat-inactivated samples  
plasma  
body fluid  
urine  
avoid repeated freeze/thaw cycles  
**Methodology:**  
ENZYME-LINKED IMMUNOSORBENT ASSAY (ELISA)  
**Specimen Referral:**  
Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
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<tbody>
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<td>SPECIMEN TYPE: Serum</td>
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<td>STORAGE TEMP: REFRIG</td>
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<td>CPT CODE(S): 927108</td>
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<td>INSTRUMENT/LOC: CPL</td>
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<tr>
<td>TUBE/CONTAINER: CPL ALQ (1), CPL SST GOLD (1)</td>
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<tr>
<td>TESTS: No tests in this specimen</td>
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<td>ASTM/HL7/SDF 1: 927108</td>
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<tr>
<td>CPL: 5334</td>
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<td>ZCPL: 5334</td>
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<tr>
<td>VALID ICD-9 CODES: No</td>
</tr>
<tr>
<td>VALID ICD-10 CODES: No</td>
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</tbody>
</table>

**NOTES:**
- Specimen Collection:
  - Serum separator tube
- Specimen Processing:
  - 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Refrigerate. Note: parallel testing is preferred and convalescent samples must be received within 30 days of receipt of acute samples. Clearly label sample as acute or convalescent.

**Volume**
- 0.5 mL serum

**Conditions for specimen transportation:**
- Refrigerated

**Specimen Acceptability:**
- After separation from cells: 2 days room temperature; 2 weeks refrigerated; 1 year frozen

**Specimen Rejection:**
- Hemolysis
- gross lipemia
- contaminated samples
- heat-inactivated samples
- avoid repeated freeze/thaw cycles

**Methodology:**
- Enzyme-linked immunosorbent assay (ELISA)

**Specimen Referral:**
- Clinical Pathology Laboratories
## Order Choice Information

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<thead>
<tr>
<th>NAME:</th>
<th>GLUTATHIONE, TOTAL</th>
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</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>927110</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>WB</td>
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<td>STORAGE TEMP:</td>
<td>CR REFRIG</td>
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<td>CPT CODE(S):</td>
<td>927110</td>
</tr>
<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
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<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL ACD-B YEL (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>927110</td>
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<tr>
<td>CPL:</td>
<td>3967</td>
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<td>VALID ICD-9 CODES:</td>
<td>No</td>
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<td>VALID ICD-10 CODES:</td>
<td>No</td>
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<tr>
<td>NOTES:</td>
<td>Preferred Specimen: 10 mL ACD solution B whole blood. Critical refrigerate (CRF).</td>
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<tr>
<td>Container Type:</td>
<td>ACD (yellow top - solution B) tube</td>
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<tr>
<td>Volume:</td>
<td>2 mL whole blood</td>
</tr>
<tr>
<td>Transport Temperature:</td>
<td>Critical Refrigerated (CRF)</td>
</tr>
<tr>
<td>Specimen Stability:</td>
<td>Unacceptable room temperature; 3 weeks refrigerated; unacceptable frozen</td>
</tr>
<tr>
<td>Methodology:</td>
<td>Quantitative kinetic</td>
</tr>
<tr>
<td>Rejection Criteria:</td>
<td>Hemolysis, Frozen samples, Room temperature samples</td>
</tr>
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</table>
## Order Choice Information

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<thead>
<tr>
<th>NAME:</th>
<th>TRICYCLIC ANTIDEPRESSANT SCREEN</th>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>927122</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
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<td>STORAGE TEMP:</td>
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<td>CPT CODE(S):</td>
<td>927122</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL PLAIN RED (1), CPL SERUM ALQ (1)</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>ASTM/HL7/SDF 1:</td>
<td>927122</td>
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<tr>
<td>CPL:</td>
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<td>ZCPL:</td>
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<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Preferred Specimen: 1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Refrigerate. Container Type: Plain red top tube Volume: 0.5 mL serum Transport Temperature: Refrigerated Specimen Stability: After separation from cells: 2 days room temperature; 2 days refrigerated; 2 months frozen Methodology: Enzyme immunoassay (EIA)</td>
</tr>
</tbody>
</table>
The Austin Diagnostic Clinic Laboratory
12221 North Mopac Expressway
AUSTIN, TX  78758

Order Choice Information

NAME: NEWBORN BILIRUBIN TOTAL/DIRECT
ABBREVIATION: 927123
SPECIMEN TYPE: Serum
STORAGE TEMP: RM TEMP
CPT CODE(S): 927123
INSTRUMENT/LOC: DXC
TUBE/CONTAINER: LT GRN (1)
TESTS: Bilirubin, Total, Bilirubin, Direct, Bilirubin, Indirect
ASTM/HL7/SDF 1: 927123
CPL: 410
ZCPL: 410
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Patient Preparation: None

Specimen Collection: Lithium Heparin Plasma (preferred) or SST Serum

Specimen Processing: Allow SST to clot in up right position for at least 30 minutes, then centrifuge sample.

Specimen Storage and Preservation: Protect from light.

Room Temperature (15 to 30°C) 8 hours
Refrigerated (2 to 8°C) 2 days
Frozen Aliquot (-20°C) 7 days

Conditions for Specimen Transportation:

Room Temperature (15 to 30°C) if shipping within 8 hours of collection.
Refrigerated (2 to 8°C) if shipping after 8 hours of collection.

Specimen Acceptability: SST - SERUM

Freeze Thaw Cycle: 1 cycle

Specimen Rejection: Gross Hemolysis, Lipemia, Improper Container or Labeling.

Methodology: Endpoint Diazo method

Specimen Referral: None
## Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>CATHETER UAPY (CX IF PYURIA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
<td>CATHETER URINE</td>
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<td>RM TEMP</td>
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<td>CPT CODE(S):</td>
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<td>INSTRUMENT/LOC:</td>
<td>UA VELOCITY</td>
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<td>TUBE/CONTAINER:</td>
<td>RU CUP (1), UA ALIQUOT (1)</td>
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<td>VALID ICD-9 CODES:</td>
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<td>VALID ICD-10 CODES:</td>
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<tr>
<td>NOTES:</td>
<td>Patient preparation: N/A</td>
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<tr>
<td>Specimen collection:</td>
<td>Collect urine in a clean, dry and/or sterile container. Preferred sample is a first morning void collected by “clean catch” method.</td>
</tr>
<tr>
<td>Specimen processing:</td>
<td>N/A</td>
</tr>
<tr>
<td>Specimen storage and preservation:</td>
<td>Room Temperature (15 - 30°C) 2 hours</td>
</tr>
<tr>
<td>Refrigerated (2 - 8°C) 24 hours</td>
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</tr>
<tr>
<td>Frozen (-20°C) N/A</td>
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<tr>
<td>Conditions for specimen transportation:</td>
<td>Transport at room temperature if shipping within 2 hours of collection or ship refrigerated if shipping after 2 hours of collection.</td>
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<tr>
<td>Specimen acceptability:</td>
<td>Urine, 6 mL or greater</td>
</tr>
<tr>
<td>Specimen rejection:</td>
<td>Urine collected with preservative; short samples (less than 6 mL); leaking samples; centrifuged urine samples; Specimens that have been at prolonged room temperature; improper labeling.</td>
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<tr>
<td>Freeze/Thaw:</td>
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<tr>
<td>Methodology:</td>
<td>Automated Urinalysis System</td>
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<td>Specimen referral:</td>
<td>N/A</td>
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</tbody>
</table>
**Order Choice Information**

<table>
<thead>
<tr>
<th>NAME:</th>
<th>MAGNESIUM, RBC</th>
</tr>
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<tbody>
<tr>
<td>ABBREVIATION:</td>
<td>927125</td>
</tr>
<tr>
<td>SPECIMEN TYPE:</td>
<td>Serum</td>
</tr>
<tr>
<td>STORAGE TEMP:</td>
<td>REFRIG</td>
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<tr>
<td>CPT CODE(S):</td>
<td>927125</td>
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<tr>
<td>INSTRUMENT/LOC:</td>
<td>CPL</td>
</tr>
<tr>
<td>TUBE/CONTAINER:</td>
<td>CPL TR/MET RBLUE (1)</td>
</tr>
<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
</tr>
<tr>
<td>INFORMATION:</td>
<td>RYBL w/o additive.</td>
</tr>
</tbody>
</table>

**UPON THE ADVICE OF THEIR PHYSICIANS, PATIENTS SHOULD BE ENCOURAGED TO DISCONTINUE NUTRITIONAL SUPPLEMENTS, VITAMINS, MINERALS, AND NON-ESSENTIAL OVER-THE-COUNTER MEDICATIONS FOR ONE WEEK PRIOR TO COLLECTION.**

| ASTM/HL7/SDF 1: | 927125 |
| CPL: | 5000 |
| ZCPL: | 5000 |

**VALID ICD-9 CODES:** No  
**VALID ICD-10 CODES:** No

**NOTES:**
- Specimen Collection:
  - Trace metal-free (royal blue top) tube without additive
- Specimen Processing:
  - 7 mL blood from royal blue trace metal-free tube without additive. Centrifuge sample and discard plasma from cells. Refrigerate.
  - Diet, medication, and nutritional supplements may introduce interfering substances. Upon the advice of their physician, patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications for one week prior to collection. Avoid exposure to contrast media for 96 hours prior to collection.
- Volume
  - Send cells from 7mL tube
- Conditions for specimen transportation:
  - Critical Refrigerated
- Specimen Acceptability:
  - 1 week refrigerated unacceptable frozen
- Specimen Rejection:
  - Plasma samples collected in tubes with additive
  - Frozen specimen
- Methodology:
  - Inductively coupled plasma/mass spectrometry (icp/ms)
- Specimen Referral:
  - Clinical Pathology Laboratories
### Order Choice Information

<table>
<thead>
<tr>
<th>NAME:</th>
<th>ZINC, RBC</th>
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<tr>
<td>ABBREVIATION:</td>
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<tr>
<td>SPECIMEN TYPE:</td>
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<td>STORAGE TEMP:</td>
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<tr>
<td>TESTS:</td>
<td>No tests in this specimen</td>
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<tr>
<td>INFORMATION:</td>
<td>RYBL w/o additive.</td>
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UPON THE ADVICE OF THEIR PHYSICIANS, PATIENTS SHOULD BE ENCOURAGED TO DISCONTINUE NUTRITIONAL SUPPLEMENTS, VITAMINS, MINERALS, AND NON-ESSENTIAL OVER-THE-COUNTER MEDICATIONS FOR ONE WEEK PRIOR TO COLLECTION.

| ASTM/HL7/SDF 1: | 927126 |
| CPL: | 5632 |
| ZCPL: | 5632 |
| VALID ICD-9 CODES: | No |
| VALID ICD-10 CODES: | No |

**NOTES:**

Specimen Collection:
Trace metal-free (royal blue top) tube without additive

Specimen Processing:
7 mL blood from royal blue trace metal-free tube without additive. Centrifuge sample and discard plasma from cells. Refrigerate. Diet, medication, and nutritional supplements may introduce interfering substances. Upon the advice of their physician, patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications for one week prior to collection. Avoid exposure to contrast media for 96 hours prior to collection.

**Volume**
Send cells from 7mL tube

**Conditions for specimen transportation:**
Critical Refrigerated

**Specimen Acceptability:**
1 week refrigerated unacceptable frozen

**Specimen Rejection:**
Plasma
samples collected in tubes with additive
Frozen specimen

**Methodology:**
Inductively coupled plasma/mass spectrometry (icp/ms)

**Specimen Referral:**
Clinical Pathology Laboratories
<table>
<thead>
<tr>
<th>NAME: THYGENX W/RFLEX THYRAMIR</th>
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<tr>
<td>SPECIMEN TYPE: TISSUE</td>
<td>STORAGE TEMP: RM TEMP</td>
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<td>SPECIMEN TYPE: AP FNA</td>
<td>CPT CODE(S): 927127</td>
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<tr>
<td>INSTRUMENT/LOC: PATH ML</td>
<td>TUBE/CONTAINER: CYTYC VIAL (1)</td>
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<td>VALID ICD-9 CODES: No</td>
<td>VALID ICD-10 CODES: Yes</td>
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<td>SPECIMEN TYPE: AP FNA</td>
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<td>Transport Temperature</td>
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<td>Specimen Stability</td>
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<tr>
<td>Methodology</td>
</tr>
<tr>
<td>Rejection Criteria</td>
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**NAME:**  BUPRENORPHINE AND METABOLITES, URINE  
**ABBREVIATION:**  927136  
**SPECIMEN TYPE:**  Urine  
**STORAGE TEMP:**  REFRIG  
**CPT CODE(S):**  927136  
**INSTRUMENT/LOC:**  CPL  
**TUBE/CONTAINER:**  CPL RU CUP (1)  
**TESTS:**  No tests in this specimen  
**ASTM/HL7/SDF 1:**  927136  
**CPL:**  4684  
**VALID ICD-9 CODES:**  No  
**VALID ICD-10 CODES:**  No  
**NOTES:**  
Preferred Specimen:  
5 mL unpreserved random urine. Refrigerate.  

Container Type:  
Urine collection container  

Volume:  
1 mL urine  

Transport Temperature:  
Refrigerated  

Specimen Stability:  
1 week room temperature; 1 month refrigerated; 3 years frozen  

Methodology:  
Liquid chromatography-tandem mass spectrometry (LC-MS/MS)  

Rejection Criteria:  
Avoid repeated freeze/thaw cycles
NAME: EVEROLIMUS
ABBREVIATION: 927139
SPECIMEN TYPE: EDTA WB
STORAGE TEMP: REFRIG
CPT CODE(S): 927139
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL LAV (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927139
CPL: 4652
ZCPL: 4652
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Preferred Specimen:
1 mL EDTA whole blood. Refrigerate. Sample must be submitted in original collection tube.

Container Type:
EDTA (lavender top) tube

Volume:
0.5 mL whole blood

Transport Temperature:
Refrigerated

Specimen Stability:
1 day room temperature; 7 days refrigerated; unacceptable frozen

Methodology:
Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)

Rejection Criteria:
Clotted samples
Frozen samples
# Order Choice Information

| NAME: | DRUG SCREEN URINE, MEDICARE |
| ABBREVIATION: | 927141 |
| SPECIMEN TYPE: | Urine |
| STORAGE TEMP: | REFRIG |
| CPT CODE(S): | 927141 |
| INSTRUMENT/LOC: | BCI DXC 600 |
| TUBE/CONTAINER: | RU CUP (1), UDS ALQ (1), URINE ALQ 50ML (1) |
| TESTS: | Amphetamines, Barbiturates, Benzodiazepines, Cocaine Metabolite, Cannabinoids(THC), Methadone, Methaqualone, Opiates, Phencyclidine, Propoxyphene, Creatinine Ur Conc., Specimen, Drug Screen |
| ASTM/HL7/SDF 1: | 927141 |
| LABCORP: | 733692 |
| VALID ICD-9 CODES: | Yes |
| VALID ICD-10 CODES: | No |
| NOTES: | Patient preparation: None |
| | Specimen collection: Random Urine Cup |
| | Specimen processing: None |
| | Specimen storage and preservation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C) 7 days; Frozen Aliquot (-20°C) 14 days |
| | Conditions for specimen transportation: Room Temperature (15 to 30°C) 8 hours; Refrigerated (2 to 8°C), if shipping after 8 hours of collection. |
| | Specimen acceptability: Urine only |
| | Freeze/Thaw: 1 cycle |
| | Specimen rejection: Improper Container or Labeling |
| Methodology: | EIA |
| Specimen referral: | Sent to LABCORP reference lab for positive confirmations. |
| **NAME:** | CORTISOL FREE SERUM |
| **ABBREVIATION:** | 927142 |
| **SPECIMEN TYPE:** | Serum |
| **STORAGE TEMP:** | CR FZN |
| **CPT CODE(S):** | 927142 |
| **INSTRUMENT/LOC:** | CPL |
| **TUBE/CONTAINER:** | CPL ALQ (1), CPL SST GOLD (1) |
| **TESTS:** | No tests in this specimen |
| **ASTM/HL7/SDF 1:** | 927142 |
| **CPL:** | 5797 |
| **ZCPL:** | 5797 |
| **VALID ICD-9 CODES:** | No |
| **VALID ICD-10 CODES:** | No |
| **NOTES:** | Preferred Specimen: 1 mL serum. Allow SST to clot in an upright position for at least 30 minutes, then centrifuge sample within 2 hours of collection. Transfer serum to a plastic transport tube. Freeze. Note: it is recommended to collect AM sample between 8-10 AM or PM sample between 4-6 PM. Clearly label tube with collection time. When multiple tests are ordered, submit separate tube for this test. |
| **Container Type:** | Serum separator tube |
| **Volume:** | 0.6 mL serum or plasma |
| **Transport Temperature:** | Frozen |
| **Specimen Stability:** | After separation from cells: unacceptable room temperature; 1 week refrigerated; 6 months frozen |
| **Methodology:** | Equilibrium dialysis/high performance liquid chromatography-tandem mass spectrometry (LC-MS/MS) |
| **Rejection Criteria:** | Hemolysis, Lipemia, Icterus, Heparin (green top) plasma |
NAME: CORTISOL BINDING GLOBULIN
ABBREVIATION: 927143
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 927143
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927143
CPL: 5563
ZCPL: 5563
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No
NOTES:
Specimen Collection:
Plain red top tube

Specimen Processing:
1 mL serum from a plain red top tube. Allow sample to clot in an upright position for at least 60 minutes, then centrifuge sample and transfer serum to a plastic transport tube within 2 hours of collection. Freeze. Critical frozen (CFZ). When multiple tests are ordered, submit separate tube for this test.

Volume:
0.5 mL serum

Conditions for specimen transportation:
Critical frozen (CFZ)

Specimen Acceptability:
2 days room temperature; 2 days refrigerated; 10 months frozen

Specimen Rejection:
Thawed samples

Methodology:
Radioimmunoassay (ria)

Specimen Referral:
Clinical Pathology Laboratories

NAME: SOLUBLE MESOTHELIN
ABBREVIATION: 927144
SPECIMEN TYPE: Serum
STORAGE TEMP: CR FZN
CPT CODE(S): 927144
INSTRUMENT/LOC: CPL
TUBE/CONTAINER: CPL ALQ (1), CPL PLAIN RED (1)
TESTS: No tests in this specimen
ASTM/HL7/SDF 1: 927144
CPL: Wild 600
ZCPL: Wild 600
VALID ICD-9 CODES: No
VALID ICD-10 CODES: No