

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Saccharomyces Cerevisiae Antibodies (ASCA) IgG/IgA</b>  <i>Formerly: S. cerevisiae Antibody</i>	86671 X2	Serum SST, <b>tiger top</b> tube 2 mL required volume 0.6 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: 3 days a week	3 - 5 days	<i>Outside Reference Laboratory</i>
<b>S. Pneumoniae Antigen Detection, LA</b>	87899	Collect serum or CSF specimen. 1 mL required volume 0.5 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	Set up: Monday – Sunday	5 days	
<b>Salicylate Level</b>	G0480	Serum, SST, <b>tiger top</b> tube	Refrigerate	15.0 – 30.0 mg/dl	Set up: 24 hours, daily	Stat: 1 hour Routine: 4 hours	<b>Critical Values:</b> > 30.0 mg/dl
<b>Salmon IgE</b>	86003	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 – 4 days	<i>Outside Reference Laboratory</i> Unacceptable: Room Temperature
<b>Salmonella typhi and para typhi Antibodies</b>	86768 X5	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.2 minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Tuesday, Thursday, Saturday	2 – 5 days	<i>Outside Reference Laboratory</i>
<b>Salmonella Shigella Culture</b>  <i>See: Stool Culture</i>	87045 87046 x3	Collect stool specimen. 5 mL required volume 1 mL minimum volume	Refrigerate		Set up: Sunday – Saturday	3 days	
<b>Saltwort, Russian Thistle Allergen</b>  <i>Formerly: Russian Thistle IgE</i>	86003	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<i>Outside Reference Laboratory</i> Unacceptable: Room Temperature
<b>Scallop IgE</b>	86003	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<i>Outside Reference Laboratory</i>
<b>SCL-70 Antibody</b>  <i>Formerly: Scleroderma Abs (SCI 70)</i>	86235	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday 7:00 a.m.	4 days,	<i>Outside Reference Laboratory</i> Alternate specimen: <b>NONE</b> .

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<b>Sedimentation Rate</b> See: ESR	85651						
<b>Selenium, Serum/Plasma</b>	84255	Serum, <b>Royal blue</b> plain tube Alternate: Plasma EDTA <b>Royal blue</b> top tube 2 mL required volume 0.5 mL minimum volume	Ambient	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday, Thursday, Saturday</b>	3 – 5 days	<b>Outside Reference Laboratory</b> Patient should refrain from taking vitamins or mineral supplements at least three days prior to specimen collection. Collect specimen in royal-blue top tube clot tube or royal blue EDTA tube. Process Specimen ASAP. Centrifuge and pour off serum or plasma into a Trace Element-Free Transport Tube - Do not allow serum or plasma to remain on cells.
<b>Semen Analysis Study</b>	89320	Semen	37°C	≥ 20 million Spermatozoa / mL >50% motility over 6 hours	<b>Set up: Monday – Friday 7:00 a.m. – 11:00 p.m.</b>	6 hours	Specimen must be received within 30 minutes of collection, should be kept warm at 37°C.
<b>Semen Analysis, Post Vasectomy</b>	89321	Semen	37°C	No spermatozoa seen.	<b>Set up: Monday – Friday 7:00 a.m. – 11:00 p.m.</b>	6 hours	Specimen must be received within 30 minutes of collection, should be kept warm at 37°. Detects presence or absence of spermatozoa.
<b>Serotonin Level</b>	84260	Whole blood, EDTA + Serotonin Transport Tube 3 mL required volume 1 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	<b>Set up: Sunday, Tuesday – Friday</b>	2 – 6 days,	<b>Outside Reference Laboratory</b> <b>Patient Preparation: Abstain from medications for 72 hours prior to collection</b> (see notes section below). Specimen Preparation: Collect properly filled <b>Lavender (EDTA) tube</b> and Place on ice. Transfer 3mL(1mL) whole blood to an <b>ARUP Serotonin Transport Tube</b> containing ascorbic acid Mix well. <b>Specimen must be preserved and frozen within 2 hours of collection.</b> <b>Unacceptable Conditions: Non-frozen specimens. Specimens other than whole blood.</b> Stability After transfer to Serotonin Transport Tube: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 month.

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<b>Serotonin Release Assay (HIT)</b>  <i>Formerly: Serotonin Release Unfractionated Heparin</i>	86022	Serum, Pain red top tube, no gel 5 mL required volume 1 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	4 – 8 days	<i>Outside Reference Laboratory</i>
<b>Sesame Seed Allergen</b>  <i>Formerly: Sesame Seed IgE</i>	86003	Serum: SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<i>Outside Reference Laboratory</i>
<b>Sex Hormone Binding Globulin</b>  <i>Formerly: Sex Hormone Binding GLB Q</i>	84270	Serum, SST, <b>tiger top</b> tube Alternate: Serum, Plain red top tube, no gel 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	1 – 2 days	<i>Outside Reference Laboratory</i> Preferred to separate serum from cells ASAP or within 2 hours of collection.
<b>Sheep Sorrel IgE</b>	86003	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<i>Outside Reference Laboratory</i> Unacceptable: Room Temperature
<b>Shrimp Allergen</b>  <i>Formerly: Shrimp IgE</i>	86003	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<i>Outside Reference Laboratory</i> Unacceptable: Room Temperature
<b>Shrimp IgG</b>	86001	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 minimum volume	Ambient	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<i>Outside Reference Laboratory</i>
<b>SGOT (AST)</b>	84450	<b>Plasma:</b> Lithium Heparin – <b>green top</b> tube <b>Serum:</b> SST <b>red top</b> tube	Refrigerate	<b>Female:</b> 13 – 35 U/L <b>Male:</b> 15-40 U/L	Set up: 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>SGPT (ALT)</b>	84460	<b>Plasma:</b> Lithium Heparin – <b>green top</b> tube <b>Serum:</b> SST <b>red top</b> tube	Refrigerate	<b>Female:</b> 7 – 35 U/L <b>Male:</b> 10 – 40 U/L	Set up: 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	

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<b>Sickle Cell Screen</b>	<b>85660</b>	1 – EDTA Tube ( <b>Lavender</b> top tube)	< 8 hours Ambient  > 8 hours Refrigerate	Negative	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	Tube must be half full and not clotted. Test cannot be performed on infants less than 6 months old.
<b>DNA Antibody (Single-Stranded)</b>  <i>Formerly: Single Stranded DNA Antibody</i>	<b>86226</b>	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.2 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday, Wednesday, Friday</b>	2 – 5 days	<i>Outside Reference Laboratory</i>
<b>Siromlimus</b> See: Rapamycin	<b>80195</b>	Collect whole blood specimen in a <b>Lavender</b> (EDTA) tube. 4 mL minimum volume	Refrigerate	<b>5.0 – 16.0 ng/dl</b>	<b>Set up: 24 hours, Daily 8:00 a.m. - 2:00 p.m.</b>	24 hours	
<b>Sjogren's Antibody</b>	<b>86235 X2</b>	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.15 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday, Thursday, Saturday</b>	1 – 4 days	
<b>Smear for WBC Stool</b> See: WBC Smear	<b>87205</b>						
<b>Smith Antibody</b>  <i>Formerly: Smith AB IgG Smith Antibody (SM Antibody, Anti-Smith)</i>	<b>86235</b>	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.2 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday, Thursday</b>	3 – 4 days	<i>Outside Reference Laboratory</i>
<b>Smooth Muscle Antibody Titer</b>  <i>Formerly: Muscle Ab, IgG Titer</i>	<b>86256</b>	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.2 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	3 days	<i>Outside Reference Laboratory</i>

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<b>Sodium, 24 Hour Urine</b>	<b>84300</b>	24 hour urine collections should be collected in a 24 hour urine container with no preservatives	Refrigerate	<b>Sodium, 24 Hour Urine</b> 2.5 – 5.0 grams / 24 hours  <b>Creatinine 24 Hour Urine</b> 0.6 – 2.5 g/24hrs	<b>Set up:</b> <b>7:00 a.m., daily</b>	<b>24 hours</b>	<b>Collection:</b> Instruct the patient to void at 8:00 a.m. and discard the specimen. Then collect all urine, including the final specimen voided at the end of the 24-hour collection period (i.e. 8:00 a.m. the next morning). Screw the lid on securely. Keep specimen refrigerated during collection. Transport the specimen promptly to the Laboratory.  <b>Inpatient Collection:</b> Container <b>must</b> be labeled with patient's full name, medical record number, room number; date and time collection started and date and time collection finished.  <b>Outpatient Collection:</b> Container <b>must</b> be labeled with patient's full name and date of birth; date and time collection started and date and time collection finished.
<b>Sodium, Body Fluid</b>	<b>84302</b>	Collect body fluid specimen in sterile container. Note site of body fluid. 1 mL required volume	Refrigerate	<i>Interpretive Data</i>	<b>Set up:</b> <b>24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Sodium, Feces</b>	<b>84302</b>	5 mL stool collection in sterile container 5 g required volume 1 g minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up:</b> <b>Sunday – Saturday</b>	<b>48 hours</b>	
<b>Sodium, Serum</b>	<b>84295</b>	Serum SST, <b>tiger top tube</b> , or plasma Lithium Heparin <b>green</b> top tube 0.3 mL required volume 0.15 mL minimum volume	Refrigerate	136 – 145 mmol/L	<b>Set up:</b> <b>24 hours, daily</b>	<b>Stat</b>	<b>Critical Value:</b> < 126, >149 mmol/L
<b>Sodium, Urine</b>	<b>84300</b>	Random urine 10 mL required volume 5 mL minimum	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up:</b> <b>24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	

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<b>Soluble Transferrin Receptor</b>  <i>Formerly: Transferrin Receptor, Soluble</i>	<b>84238</b>	Serum, SST, <b>tiger</b> top tube  <b>Alternate:</b> Plasma Lithium Heparin PST light <b>green</b> top tub  <b>Alternate:</b> Plasma EDTA <b>lavender</b> top tube. 1 mL required volume 0.3 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Sunday – Saturday</b>	2 – 3 days	<b>Outside Reference Laboratory</b> Serum should be separated immediately from clot. Unacceptable: Severely hemolyzed, icteric, lipemic specimens. Avoid repeated freeze-thaw cycles.
<b>Somatomedin</b>  <i>Formerly: Insulin-like Growth Factor 1</i>	<b>84305</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.4 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	1 – 3 days	<b>Outside Reference Laboratory</b> Serum separator tube (SST) (gold or red), allow specimen to clot fully, centrifuge, remove and freeze serum. <b>Serum stability:</b> Refrigerated = 24hrs.; Frozen = 1Mo.
<b>Somatostatin Level</b>	<b>84307</b>	Plasma, EDTA ( <b>Lavender top</b> tube) 1.8 mL required volume 0.6 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday</b>	7 – 10 days	<b>Outside Reference Laboratory</b> Collect specimen in a pre-chilled EDTA lavender tube. Separate from cells directly after collection and freeze. Do not thaw.
<b>Soybean Allergen</b>  <i>Formerly: Soybean IgE</i>	<b>86003</b>	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	2-4 days	<b>Outside Reference Laboratory</b> Unacceptable: Room Temperature
<b>Soybean IgG</b>	<b>86001</b>	Serum SST, <b>tiger top</b> tube 2 ML required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	3 days	<b>Outside Reference Laboratory</b>
<b>Specific Gravity, Body Fluid</b>	<b>84315</b>	5 mLs body fluid: Requisition must <b>State</b> source of specimen	Refrigerate	<i>Interpretive Data</i>	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Specific Gravity, Urine</b>	<b>84315</b>	10mL, sterile container	Refrigerate	<i>Interpretive Data</i>	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	

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<b>Spinach Allergen</b> <i>Formerly: Spinach IgE</i>	81003	Serum SST, <b>tiger top</b> tube 1 ML required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	2 - 4 days	<b>Outside Reference Laboratory</b>
<b>Spinal Fluid Cell Count</b>	89051	Cerebrospinal Fluid, 1mL minimum.	Ambient	<b>RBC</b> Less than 10 /cumm  <b>WBC</b> Newborn..... 0 – 30 /cumm 1 – 4 yrs..... 0 – 20 /cumm Adult .....0 – 8 /cumm	<b>Set up: 24 hours, daily</b>	1 hour	Cell count should be performed n tube #3 unless otherwise specified by clinician.
<b>Spinal Fluid LDH</b>	83615	Cerebral Spinal Fluid	Refrigerate	<i>Interpretive Data</i>	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Spinal Fluid, or Ventricular Fluid or CSF Culture</b> <i>(See CSF Culture)</i>	87102	2 mL CSF in sterile container. The 3 <sup>rd</sup> collection tube is preferred for culture. Transport to lab immediately. Includes Culture and Gram Stain.	Ambient	“No Growth 72 Hours”	<b>Set up: 24 hours, daily</b>	<b>Final report 72 hours.</b>  Preliminary reports are issued daily.	All positive cultures are called to physician or designated location.
<b>Sputum Culture with Gram Stain</b>	87070	Expectorated or induced sputum.	Refrigerate if unable to transport to the Lab immediately	“No Growth at 48 Hours” or Upper Respiratory Flora	<b>Set up: 24 hours, daily</b>	<b>Final report at 48 hours.</b> Preliminary reports issued daily.	Sputa will be screened before being set up by performing a Gram Stain. For in-patients, if there are >25 epithelial cells per 10X field, the culture will be rejected and a recollect requested.
<b>Siogrens SSA</b> <i>Formerly: SSA</i>	86235	Serum, SST, <b>tiger top</b> tube 1 mL required volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday, Thursday</b>	3 – 4 dais	<b>Outside Reference Laboratory</b>
<b>Sjogren’s SSB</b> <i>Formerly: SSB</i>	86235	Serum, SST, <b>tiger top</b> tube 1 mL required volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday, Thursday</b>	3 – 4 dais	<b>Outside Reference Laboratory</b>
<b>Stone Analysis BH</b> <b>See: Calculi (Stone) Analysis</b>							

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<b>Stool Culture</b>	<b>87045 87046 x3</b>	2 – 5 mL random diarrheal sample; rectal swab in transport gel, Duodenal or sigmoid aspirate.  Fresh stool or stool in Cary-Blair transport media.  <b>Fresh stool should be no more than one (1) hour old.</b>	Ambient	No enteric pathogens.	<b>24 hours, daily</b>	<b>No enteric pathogen report in 48 – 72 hours.</b>  Preliminary reports issued daily.	Screening for <i>Salmonella</i> , <i>Shigella</i> , <i>E. coli</i> O157:H7 and <i>Campylobacter</i> (does not include <i>Yersinia</i> ). Submit only one (1) specimen /day.  Specimens will be rejected at 3 <sup>rd</sup> hospital day. No more than two specimens per stay will be accepted.
<b>Stool WBC</b>  (WBC Smear (White Blood Cell Smear), Fecal WBC's, Fecal Leukocytes )	<b>87205</b>	(.5 – 1 mL) Fresh random stool or rectal swab.  <b>Storage Instructions:</b> Transport specimen to the laboratory as soon as possible after collection. Significant deterioration of the specimen occurs with prolonged storage. Refrigerate specimen.	Refrigerate	No WBC's seen	<b>24 hours, daily</b>	<b>2 hours.</b>	Conditions associated with marked fecal leukocytes, blood and mucus include diffuse antibiotic associated colitis, ulcerative colitis, shigellosis, and salmonellosis, <i>Campylobacter</i> , and <i>Yersinia</i> infection. <i>Salmonella typhi</i> may evoke a monocyte response. Conditions associated with modest numbers of fecal leukocytes include early shigellosis involving small bowel, antibiotic associated colitis, and amebiasis. Conditions associated with an absence of fecal leukocytes include toxigenic bacterial infection, giardiasis, and viral infections.
<b>Streptococcus Group B Culture</b>	<b>87077</b>	Culturette	Ambient	No Group B Streptococci isolated.	<b>Set up: 24 hours, daily</b>	<b>48 hours</b>	
<b>Streptozyne with Reflex to Titter</b>  <i>Formerly: Streptozyne Screen (Streptococcal Antibody Test)</i>	<b>86403</b>  if reflexed, add 86406	Serum, SST, <b>tiger</b> top tube  <b>Alternate:</b> Plasma EDTA <b>lavender</b> top tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<b>See Report or Scanned Document.</b>	<b>Set up: Monday – Saturday</b>	<b>2 – 4 days</b>	<b>Outside Reference Laboratory</b> Separate serum or plasma from cells ASAP. Stability after separation from cells: Ambient= 2 days, Refrigerated= 2 weeks, Frozen= 1 year (avoid repeated freeze/thaw cycles)
<b>Strep. Screen</b>	<b>87070</b>	Throat Swab <b>Collection Throat:</b> Depress tongue and rub swab vigorously over each tonsillar area and posterior pharynx. Any exudates should be touched, and care should be taken to avoid the tongue and uvula. Place swab in	Ambient	Negative for Group A. Streptococcus	<b>24 hours, daily</b>	<b>48 hours</b>  Preliminary reports issued daily.	(Screen for Streptococcus Group A only.)



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<b>Strep. Screen -continued-</b>		Culturette. Crush ampule of Culturette to ensure proper preservation of the specimen.					
<b>Strep. Screen Or Rapid Streptococcus Screen</b>  <b>(Order Rapid Strep Test)</b>	<b>87880</b>	2 - Throat swab <b>Collection Throat:</b> Depress tongue and rub swab vigorously over each tonsillar area and posterior pharynx. Any exudates should be touched, and care should be taken to avoid the tongue and uvula.  Place swab in Culturette. Crush ampule of Culturette to ensure proper preservation of the specimen.	Ambient	Negative	<b>24 hours, daily</b>	<b>1 hour after arrival in laboratory.</b>	<b>Limitations</b> Adequate specimen collection on younger patients may be difficult, and thus, contribute to the false-negative rate. A positive result can be relied upon as a rational basis to begin therapy. A negative result is only presumptive and a culture will be performed to reasonably exclude the diagnosis of group A streptococcal infection.
<b>Sulfisoxazole (Sulfonamide)</b>	<b>80299</b>	Serum Plain <b>red top</b> tube, no gel Alternate: Plasma EDTA Lavender top tube 1 mL required volume 0.5 mL minimum volume	Ambient	<b>See Report or Scanned Document</b>	<b>Set up: Tuesday, Friday</b>	<b>2 – 5 days</b>	<b>Outside Reference Laboratory</b> Draw peak specimen two hours post dose. Please indicate on the specimen which sulfa drug is being administered
<b>Striated Muscle Antibody IgG</b>  <b>Formerly: Striated Muscle AB with Reflex to Titer</b>	<b>86255</b> If reflexed <b>86256</b>	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.2 mL minimum volume	Refrigerate	<b>See Report or Scanned Document</b>	<b>Set up: Monday – Friday</b>	<b>2 – 6 days</b>	<b>Outside Reference Laboratory</b> Separate serum from cells ASAP or within 2 hours of collection. Unacceptable Conditions: Plasma. Contaminated, hemolyzed, or severely lipemic specimens. Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles) <b>If being collected for Lambert-Eaton Syndrome Panel, Please collect Serum from Red No-Gel Clot Tube.</b>
<b>Strongyloides Antibody IgG</b>  <b>Formerly: Strongyloides IgG</b>	<b>86682</b>	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.15 mL minimum volume	Ambient	<b>See Report or Scanned Document</b>	<b>Set up: Monday, Wednesday, Friday</b>	<b>1 – 4 days</b>	<b>Outside Reference Laboratory</b>

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<b>Summer Squash IgE Allergen Specific</b>  <b>See:</b> <b>Yellow Squash Allergen</b>							
<b>Susceptibility Test</b>	87184	Specimen: Viable Isolated Organism	Ambient	<i>See Report or Scanned Document</i>	Set up: Daily	2 days	<i>Outside Reference Laboratory</i>
<b>Sweet Potato Allergen</b>  <b>Formerly:</b> <b>Sweet Potato IgE</b>	86003	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<i>Outside Reference Laboratory</i> Unacceptable: Room Temperature
<b>Sycamore IgE</b>	86003	Serum SST, <b>tiger top</b> tube 1 ML required volume 0.1 minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<i>Outside Reference Laboratory</i> Unacceptable: Room Temperature
<b>Sulfonylurea Hypoglycemic Screen Urine</b>	80377 (Alt. code G0480)	Urine, Random 5 mL required volume 1.2 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Varies	< 7 days	<i>Outside Reference Laboratory</i>
<b>Surgical Wound Culture</b> (See Aerobic Culture, Aerobic w/Gram stain, Anaerobic Culture)	87070 if anaerobic culture requested add 87075						
<b>Syphilis Antibody Screen with RPR Reflex</b>  <b>Formerly:</b> <b>Treponema Pallidum Antibody</b>	86780	Serum, SST, <b>tiger top</b> tube 3 mL required volume 0.6 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Sunday – Saturday	1 – 2 Days	<i>Outside Reference Laboratory</i>

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<b>T3, Total (Triiodothyronine, Total)</b>	<b>84480</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.3 mL minimum volume	Refrigerate	60.0 – 181.0 ng/dl	<b>Set up: 24 hours, daily</b>	<b>2 hours</b>	
<b>T3, Free (Triiodothyronine, Free)</b>	<b>84481</b>	Serum, SST, <b>tiger top</b> tube 1 mL, required volume 0.5 mL minimum volume	Refrigerate	230 – 420 pg/dl	<b>Set up: 24 hours, daily</b>	<b>2 hours</b>	
<b>T3, Reverse (Triiodothyronine, Reverse)</b> <b>See: Reverse T3</b>							
<b>T4, Free (Thyroxine, Free)</b>	<b>84439</b>	Serum: SST <b>red top</b> tube 1 mL required volume 0.3 minimum volume	Refrigerate	0.58 – 1.45 ng/dl	<b>Set up: 24 hours, Daily</b>	<b>2 hours</b>	
<b>T4, Free by Direct Dialysis</b>	<b>84439</b>	Serum, SST, <b>tiger top</b> tube 2 mL required volume 0.3 mL minimum volume	Refrigerate	<b>See Report or Scanned Document</b>	<b>Set up: Sunday, Tuesday, Thursday</b>	<b>3 – 6 days</b>	<b>Outside Reference Laboratory</b>
<b>T4, Total (Thyroxine)</b>	<b>84436</b>	Serum: SST <b>red top</b> tube	Refrigerate	4.5 – 10.9 µg/dl	<b>Set up: 24 hours, daily</b>	<b>24 hours</b>	
<b>T4 T8, CD4, CD8</b> <b>See CD4/CD8</b>	<b>86359</b> <b>86360</b>	Whole Blood ACD ( <b>yellow top</b> tube), and Whole Blood EDTA ( <b>Lavender</b> top tube) (2 full yellow top tubes, and 1 purple top)	Ambient	<b>See Report or Scanned Document</b>	<b>Set up: Monday – Friday</b>	<b>1 – 2 days</b>	
<b>Tacrolimus Level</b>	<b>80197</b>	Whole Blood, EDTA ( <b>Lavender</b> top tube) 4 mL minimum volume	Refrigerate	5 – 20 ng/mL	<b>Set up: 24 hours, daily 8:00 a.m. - 2:00 p.m.</b>	<b>24 hours</b>	
<b>Tay-Sachs Disease, Mutation Analysis</b>	<b>81255</b>	Whole Blood, ETDA ( <b>Lavender</b> top tube) 5 mL required volume 1.0 mL minimum volume	Refrigerate	<b>See Report or Scanned Document</b>	<b>Set up: Tuesday, Thursday</b>	<b>Up to 2 weeks</b>	<b>Outside Reference Laboratory</b>

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>TB Gold Quantiferon</b> <i>Formerly: Quantiferon TB Gold</i>	<b>86480</b>	Special Collection	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Sunday – Saturday</b>	1 – 2 days	<b>Outside Reference Laboratory Contact Customer Service for kit.</b>
<b>Tea IgE</b>	<b>86003</b>	Serum, SST, <b>tiger top</b> tube 2 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	3 days	<b>Outside Reference Laboratory</b>
<b>Tegretol (Carbamazepine Level)</b>	<b>80156</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	4.0 – 10.0 µg/mL	<b>Set up: 24 hours, daily</b>	<b>Stat: 1 hour Routine: 4 hours</b>	<b>Critical Values: &gt; 14.0 µg/mL</b>
<b>Testosterone, Free and Total, Adult Male</b>	<b>84270 84403</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.4 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Sunday, Wednesday - Saturday</b>	2 – 6 days	<b>Outside Reference Laboratory</b> For use on Adult Males Only. Not Recommended for Females and Children under 18 years of age. Preferred for collection collected between 6-10 a.m. Separate serums from cells ASAP or within 2 hours of collection. Specimen Stability After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 6 months <b>For use on Adult Males Only. Not Recommended for Females and Children under 18 years of age.</b> Preferred for collection collected between 6-10 a.m. Separate serums from cells ASAP or within 2 hours of collection. Specimen Stability After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 6 months
<b>Testosterone, Free/Total &amp; SHBG, Female / Child</b>  <i>Formerly: Testosterone, Free &amp; Total (Female/child)</i>	<b>84270 84403</b>	Serum, SST, <b>tiger top</b> tube 3 mL required volume 0.6 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Sunday – Saturday</b>	2 - 5 days	<b>Outside Reference Laboratory</b> Preferred to separate serum from cells ASAP or within 2 hours of collection. Specimen Stability After separation from cells: Ambient: 24 hours; Refrigerated: 1 week; Frozen: 6 months

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Testosterone, Total</b>	84403	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.3 mL minimum volume	Refrigerate	<b>Male:</b> 241 – 827 ng/dl <b>Female:</b> 14 – 76 ng/dl	<b>Set up:</b> <b>24 hours,</b> <b>Daily</b>	24 hours	
<b>Testosterone Level Total, Adult Male</b>	84403	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up:</b> <b>Monday – Friday</b>	1 – 2 days	<b>Outside Reference Laboratory</b> Not Recommended for Females and Children 13 years and under  <b>Preferred to separate serum from cells ASAP or within 2 hours of collection.</b>
<b>Tetanus IgG Antibody</b>  <i>Formerly:</i> <i>Tetanus Toxoid IgG</i>	86774	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.15 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up:</b> <b>Monday – Friday</b>	2 – 4 days	<b>Outside Reference Laboratory</b> Separate serum from cells ASAP. "Pre" and "post" vaccination specimens should be submitted together for testing. "Post" specimen should be drawn 30 days after immunization and, if shipped separately, must be received within 60 days of "pre" specimen. <b>Please clearly mark specimens "Pre-Vaccine" or "Post-Vaccine" so that specimens will be saved and tested simultaneously.</b> Unacceptable Specimens: Plasma and other body fluids. Severely lipemic, contaminated and hemolyzed specimens.
<b>Theophylline Level (Aminophylline)</b>	80198	Serum: <b>red top</b> tube (no gel)	Refrigerate	10.0 – 20.0 µg/dl	<b>Set up:</b> <b>24 hours,</b> <b>daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	<b>Critical Values:</b> <b>&gt; 20.0 µg/mL</b>
<b>Thiocyanate Level</b>	84430	Serum, Plain <b>red top</b> tube, no gel  <b>Alternate:</b> Plasma EDTA <b>Lavender</b> top tube 3 mL required volume 1.5 mL minimum volume	Ambient	<i>See Report or Scanned Document</i>	<b>Set up:</b> <b>Monday,</b> <b>Wednesday,</b> <b>Friday</b>	6 – 8 days	<b>Outside Reference Laboratory</b> Centrifuge and immediately separate serum or plasma specimens from the cells into clean, plastic, screw-cap vial(s)

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Thiopurine Drug Metabolites</b>	<b>80299 X2 G0480</b>	Whole Blood, EDTA <b>Lavender</b> top tube 5 mL required volume 3.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday, Thursday, Saturday</b>	1 – 5 days	<b>Outside Reference Laboratory Unacceptable Conditions</b> Frozen samples, Hemolyzed samples
<b>TPMT Activity</b>  <i>Formerly: Thiopurine Methyltransferase</i>	<b>80375 Alt. G0480</b>	Whole Blood, EDTA Lavender top tube. 4 mL required volume 2 mL minimum volume Collect two tubes.	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday , Thursday, Friday, Saturday</b>	6 – 10 days	<b>Outside Reference Laboratory</b> Collect 2 Purple top tubes with 4mL (2mL) each of whole blood. Keep both Refrigerated
<b>Throat Culture</b>	<b>87070</b>	Depress tongue with a tongue depressor.  Sample the posterior pharynx, tonsils, and inflamed areas with a sterile double swab.	Ambient	Normal oral flora	<b>Set up: 24 hours, daily</b>	<b>48 hours</b>	This culture does not screen for <i>Neisseria gonorrhoeae</i> or <i>Corynebacterium diphtheriae</i> .  Preliminary reports updated daily.
<b>Thyroglobulin</b>  <i>Formerly: Thyroglobulin Quantitation</i>	<b>84432</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.8 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday, Wednesday, Friday</b>	2 – 3 days	<b>Outside Reference Laboratory</b> Heparin specimens are acceptable for Thyroglobulin Level only, if also ordering Thyroglobulin Autoantibody please submit only serum specimens. Stability: 8 hours room temperature, 3 day refrigerated or 60 days frozen.
<b>Thyroglobulin Auto-Antibody</b>  <b>See: Thyroid Antibody Panel</b>							
<b>Thyroglobulin Level</b>	<b>84432</b>	Serum, SST, <b>tiger top</b> tube 2 mL required volume 0.8 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday, Wednesday, Friday</b>	2 – 3 days	<b>Outside Reference Laboratory</b> Heparin specimens are acceptable for Thyroglobulin Level only, if also ordering Thyroglobulin Autoantibody please submit only serum specimens
<b>Thyroid Antibody Panel</b>  <i>Formerly: Thyroid Autoantibodies</i> (Includes Thyroglobulin Antibodies & Thyroid peroxidase Antibodies)	<b>86376 86800</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	1 – 4 days	<b>Outside Reference Laboratory</b>

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Thyroid Peroxidase Antibody</b>	86376	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	1 – 4 days	<i>Outside Reference Laboratory</i>
<b>Thyroid Stimulating Immunoglobulins</b>  <i>Formerly: Thyroid Stimulating Immuno</i>	84445	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.7 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	Set up: Monday – Saturday	3 – 6 days	<i>Outside Reference Laboratory</i> Allow Serum to clot 30min. then separate 1mL serum into plastic aliquot tube. Unacceptable Specimen: Plasma, hemolyzed, icteric, or lipemic specimens.
<b>Thyroid Stimulating Hormone (TSH)</b>	84443	Serum: SST <b>red top</b> tube	Refrigerate	0.35 – 5.5 uIU/mL	Set up: 24 hours, daily	24 hours	
<b>Thyroxine Binding Globulin (TBG)</b>	84442	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.4 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	Set up: Monday, Wednesday, Friday	2 – 5 days	<i>Outside Reference Laboratory</i> Unacceptable Conditions: Plasma, tissue or urine. Grossly hemolyzed or lipemic specimens.
<b>Tick Panel PCR, Whole Blood</b>  <i>Formerly: Ehrlichia Chaffeensis DNA PCR</i>	87798 x6	Whole Blood, <b>EDTA Lavender top</b> tube 1 mL whole blood. 0.6 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Sunday – Saturday	2 - 4 days	<i>Outside Reference Laboratory</i>
<b>Tissue Culture</b>  Order an Anaerobic Culture and an Aerobic Culture with Gram Stain.	87070 87176	Submit in a sterile container.  For small samples, add several drops of sterile saline to keep moist.  <b>Do not allow tissue to dry out.</b>	Ambient	“No Growth”	Set up: 24 hours, daily	4 days  Preliminary reports issued daily.	
<b>Timothy Grass IgE</b>	86003	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 – 4 days	<i>Outside Reference Laboratory</i> Unacceptable: Room Temperature
<b>Tissue Transglutaminase Antibody IgA</b>	83516	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday, Wednesday, Friday	2 – 5 days	<i>Outside Reference Laboratory</i>

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Tissue Transglutaminase IgG</b>	83516	Serum SST, <b>tiger top</b> tube 1.0 mL required volume 0.5 minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up:</b> Sunday – Saturday	2 - 3 days	<b>Outside Reference Laboratory</b> Collect Serum in SST or Red No-Gel Clot tube. Remove serum from cells ASAP or within 2 hours of collection. Unacceptable Conditions: Plasma. Hemolyzed or severely lipemic specimens.
<b>Tobramycin, Peak</b>	80200	Serum, SST, <b>tiger top</b> tube 1.0 mL required volume 0.5 minimum volume  <b>Collection time must be written on the collection tube.</b>	Refrigerate	5.0 – 10.0 µg/mL	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	Peak samples are drawn 30 minutes after end of an IV infusion. <b>Critical Values:</b> > 10.0 µg/mL
<b>Tobramycin, Random</b>	80200	Serum, SST, <b>tiger top</b> tube 1.0 mL required volume 0.5 minimum volume	Refrigerate	0 – 10.0 µg/mL	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	<b>Critical Values:</b> > 10.0 µg/mL
<b>Tobramycin, Trough</b>	80200	Serum, SST, <b>tiger top</b> tube 1.0 mL required volume 0.5 minimum volume  <b>Collection time must be written on the collection tube.</b>	Refrigerate	0 – 2.0 µg/mL	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	Specimen drawn 30 minutes before next dose. <b>Critical Values:</b> > 2.0 µg/mL
<b>Tocainide Level</b>	80375	Plasma, EDTA <b>Lavender</b> top tube  <b>Alternate:</b> Serum Plain <b>red</b> , top tube, no gel. 2 mL required volume 0.5 mL minimum volume	Ambient	<i>See Report or Scanned Document</i>	<b>Set up:</b> Tuesday	3 days after set up.	<b>Outside Reference Laboratory</b> Unacceptable: Collection with gel barriers (SST or PST)
<b>Tomato Allergen</b>  <i>Formerly: Tomato IgE</i>	86003	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up:</b> Monday – Friday	2 – 4 days	<b>Outside Reference Laboratory</b> Unacceptable: Room Temperature
<b>Tomato Allergen IgG</b>	86001	Serum SST, <b>tiger top</b> tube 2 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up:</b> Monday – Friday	3 days	<b>Outside Reference Laboratory</b>



Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Topiramate Level</b>  <i>Formerly: Topiramate (Topamax), Serum</i>	<b>80201</b>	Serum, Plain <b>red</b> top tube, no gel  <b>Alternate:</b> Plasma Sodium Heparin <b>green</b> top tube, no gel  <b>Alternate:</b> Plasma Lithium Heparin dark <b>green</b> top tube, no gel  1 mL required volume 0.3 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Sunday – Saturday</b>	2 – 3 Days	<b>Outside Reference Laboratory</b> Timing of specimen collection: Pre-dose (trough) draw - At steady state concentration. <b>Separate serum or plasma from cells ASAP or within 2 hours of collection.</b> Unacceptable Conditions: Serum or plasma separator tubes. Grossly hemolyzed specimens.
<b>Torch Panel IgG (Cytomegalovirus IgG) (CMV IgG)</b>	<b>86644 86694 86762</b>	Serum, SST, <b>tiger top</b> tube 3 mL required volume 1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	7 days	<b>Outside Reference Laboratory</b> Test include: CMV IgG and IgM, HSV 1 and 2 Specific Antibody IgG, Herpes Simplex Virus IgM antibody, Toxoplasma Antibodies, Rubella IgG and IgM
<b>Torch Panel IgM (CMV IgM)</b>	<b>86645 86694 86792 86778</b>	Serum, SST, <b>tiger top</b> tube 3 mL required volume 1.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	7 days	<b>Outside Reference Laboratory</b>
<b>Total Bilirubin (Bilirubin, Total)</b>	<b>82247</b>	<b>Plasma:</b> Lithium Heparin – <b>green</b> <b>top</b> tube <b>Serum:</b> SST <b>red top</b> tube	Refrigerate	0.2 – 1.2 mg/dl	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	Protect sample from exposure to light
<b>Total Bilirubin, Body Fluid</b>	<b>82247</b>	Fluid in sterile container Note site of specimen.	Refrigerate	<i>Interpretive Data</i>	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Total Micro Bilirubin</b>	<b>82247</b>	Amber bullet, tube should be full.	Refrigerate	<i>Interpretive Data</i>	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Total Protein, 24 Hour Urine</b>  <b>See: Protein, 24 Hour Urine</b>							

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Total Protein, Body Fluid</b>	<b>84157</b>	Fluid in sterile container Note site of specimen.	Refrigerate	<i>Interpretive Data</i>	<b>Set up: 24 hours, Daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Total Protein , Quantitative Urine</b>	<b>84156</b>	Random Urine, sterile container or 24 hour urine collection.	Refrigerate	<i>Interpretive Data</i>	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Total Protein, Serum</b>	<b>84155</b>	<b>Serum:</b> SST <b>red top</b> tube	Refrigerate	6.4 – 8.3 gm/dl	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Toxoplasma IgG Antibody</b> <i>Formerly: Toxoplasma Ab IgG</i>	<b>86777</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	<b>3 days</b>	<b>Outside Reference Laboratory</b> Alternate specimen: <b>NONE.</b>
<b>Toxoplasma Antibody IgG and IgM</b> <i>Formerly: Toxoplasma Antibodies</i>	<b>86777 86778</b>	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday, Thursday</b>	<b>4 - 5 days,</b>	<b>Outside Reference Laboratory</b>
<b>Toxoplasma Antibody IgM</b> <i>Formerly: Toxoplasma IgM</i>	<b>86778</b>	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday, Thursday</b>	<b>4 - 5 days,</b>	<b>Outside Reference Laboratory</b>
<b>Transferrin</b>	<b>84466</b>	Serum: SST <b>red top</b> tube	Refrigerate	<b>Male:</b> 215 – 365 mg/dl <b>Female:</b> 250 – 380 mg/dl	<b>Set up: 24 hours daily</b>	<b>2 hours</b>	
<b>Transferrin Receptor, Soluble</b> <i>See: Soluble Transferring Receptor</i>							
<b>Treponema Pallidum Antibody</b> <i>See: Syphilis Antibody Screen with RPR Reflex</i>							

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Tricyclic Antidepressant Screen</b> <i>See: Antidepressant Tricyclic Screen</i>							
<b>Triglyceride, Body Fluid</b>	84478	Fluid sterile container not site	Refrigerate	<i>Interpretive Data</i>	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Triglyceride, Serum</b>	84478	<b>Serum:</b> SST <b>red top</b> tube	Refrigerate	≤ 200 mg/dl	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Triple Screen (HCG Triple Screen)</b>	82105 82677 84702	Serum, SST, <b>tiger top</b> tube 3 mL required volume 0.6 mL minimum volume	Ambient	<i>See Report or Scanned Document</i>	<b>Set up:</b> Monday – Saturday days only	3 days	<b>Outside Reference Laboratory</b> The following data must be provided with the specimen in order to permit accurate interpretation of results: date of collection, patient's (maternal) date of birth, patient's estimated date of delivery (EDD), patient's weight (in lbs.), patient's race, patient's diabetic status (is patient-insulin dependent prior to pregnancy), number of fetuses, and whether this is a repeat sample.
<b>Troponin I, Ultra</b>	84484	<b>Serum: SST red top</b> tube	Refrigerate	0 – 0.5 ng/ mL	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	<b>Critical Values:</b> > 0.78 ng/mL
<b>Trout Allergen</b>  <i>Formerly: Trout IgE</i>	86003	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up:</b> Monday – Friday	3 days	<b>Outside Reference Laboratory</b>
<b>Tularemia Antibody (Francisella Tularensis)</b>	86668	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up:</b> Monday - Friday	1 - 2 days	<b>Outside Reference Laboratory</b>

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Trypanosoma cruzi IgG Antibody</b>	<b>86753</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.15 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Wednesday</b>	1 - 8 days	<b>Outside Reference Laboratory Unacceptable Conditions</b> Plasma. Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens.
<b>Trypanosoma cruzi IgM antibody</b>		Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Wednesday</b>	1 - 8 days	<b>Outside Reference Laboratory Unacceptable Conditions</b> Plasma. Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens.
<b>Type and RH (ABO and Rh)</b>	<b>86900 86901</b>	1 – EDTA 7 mL Tube ( <b>Pink top</b> tube) 3 mL minimum volume	Ambient	Test is for blood type and negative for antibodies.	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	Includes ABO type and Rh.
<b>Type and Screen</b>	<b>86850 86900 86901</b>	1 – EDTA 7 mL Tube ( <b>Pink top</b> tube) 3 mL minimum volume	Ambient	Test is for blood type and negative for antibodies.	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	Includes ABO type, Rh and antibody screen. Antibody screen also referred to as an indirect coombs.
<b>Trypanosoma cruzi IgG Ab</b> <i>Formerly: Trypanosoma cruzi IgG</i>	<b>86753</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Wednesday</b>	1 – 8 days	<b>Outside Reference Laboratory Unacceptable Conditions</b> Plasma. Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens.
<b>Trypanosoma cruzi IgM</b> <i>Formerly: Trypanosoma cruzi IgM</i>	<b>86753</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Wednesday</b>	1 – 8 days	<b>Outside Reference Laboratory Unacceptable Conditions</b> Plasma. Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens.
<b>Tryptase</b>	<b>83520</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 minimum volume	Frozen	<i>See Report or Scanned Document</i>	<b>Set up: Monday, Wednesday, Friday</b>	2 - 3 days	<b>Outside Reference Laboratory</b> Allow serum to clot completely at room temperature. <b>Separate serum from cells ASAP or within 2 hours of collection.</b>
<b>TSH – See Thyroid Stim Hormone</b>	<b>84443</b>						
<b>Tularemia Antibody</b> <i>Formerly: Tularensis Antibody</i>	<b>86668</b>	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.5 minimum volume	Ambient or Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	1 – 2 days	<b>Outside Reference Laboratory</b>

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Tune IgE	86003	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.1 minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<b>Outside Reference Laboratory</b> Unacceptable: Room Temperature
T3-Uptake <i>Formerly: T-Update</i>  (Thyroid Hormone Binding Ratio)	84479	Serum, SST <b>tiger top</b> tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Sunday – Friday	1 – 3 days	<b>Outside Reference Laboratory</b>
Turkey Meat Allergen	86003	Serum, SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<b>Outside Reference Laboratory</b> Unacceptable: Room Temperature
Typhus Fever IgG, IgM Ab	86757 X2	Serum, SST, <b>tiger top</b> tube 2 mL required volume 0.15 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Tuesday, Friday	3 – 6 days	<b>Outside Reference Laboratory</b>
Umbilical Cord Drug Screen  See: Drug Screen 13, Umbilical Cord	G0479	Cord blood specimen 6 inches in length required	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Sunday – Saturday	1 -3 day	<b>Outside Reference Laboratory</b>
Ureaplasma Culture  <i>Formerly: Urea/Myco Hominis Culture</i>	87109	Swab, Place swab or 0.5mL(0.3 mL) of fluid in Mycoplasma/Ureaplasma transport media (UTM) immediately; <b>Indicate Source on the Specimen!</b>	Frozen	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	7 days	<b>Outside Reference Laboratory</b> Place swab or 0.5mL(0.3 mL) of fluid in Mycoplasma/Ureaplasma transport media (UTM) immediately; Also acceptable: Any transport media validated for Mycoplasma/ Ureaplasma transport such as M4 ( DO NOT USE M4 RT).
Urea Nitrogen Body Fluid	84520	Body fluids: 5 mL	Refrigerate	<i>Inventive Data</i>	Set up: 24 hours, daily	Stat: 1 hour Routine: 4 hours	Indicate source of body fluid.

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Urea Nitrogen, 24 Hour Urine</b>	84540	24 hour urine collections should be collected in a 24 hour urine container with no preservatives	Refrigerate	7 – 20 grams / 24 hours	<b>Set up:</b> 7:00 a.m., daily	24 hours	<b>Collection:</b> Instruct the patient to void at 8:00 a.m. and discard the specimen. Then collect all urine, including the final specimen voided at the end of the 24-hour collection period (i.e. 8:00 a.m. the next morning). Screw the lid on securely. Keep specimen refrigerated during collection. Transport the specimen promptly to the Laboratory. <b>Inpatient Collection:</b> Container <b>must</b> be labeled with patient's full name, medical record number, room number; date and time collection started and date and time collection finished. <b>Outpatient Collection:</b> Container <b>must</b> be labeled with patient's full name and date of birth; date and time collection started and date and time collection finished.
<b>Urea Nitrogen, Blood</b>  See: Blood Urea Nitrogen *BUN)	84520	<b>Plasma:</b> Lithium Heparin – <b>green top</b> tube <b>Serum:</b> SST <b>red top</b> tube	Refrigerate	6 – 20 mg/dl	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	<b>Critical Value:</b> > 150 mg/dl
<b>Urea Nitrogen, Random Urine</b>	84540	Random urine 10 mL required volume 5 mL minimum volume	Refrigerate	<i>Interpretive Data</i>	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Uric Acid, Serum</b>	84550	<b>Plasma:</b> Lithium Heparin – <b>green top</b> tube <b>Serum:</b> SST <b>red top</b> tube	Refrigerate	<b>Male:</b> 2.6 – 8.3 mg/dl <b>Female:</b> 2.6 – 6.0 mg/dl	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	
<b>Uric Acid, 24 Hour Urine</b>	84560	24 hour urine collections should be collected in a 24 hour urine container with no preservatives	Refrigerate	<i>Interpretive Data</i>	<b>Set up:</b> 7:00 a.m. daily	24 hours	<b>Collection:</b> Instruct the patient to void at 8:00 a.m. and discard the specimen. Then collect all urine, including the final specimen voided at the end of the 24-hour collection period (i.e. 8:00 a.m. the next morning). Screw the lid on securely. Keep specimen

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Uric Acid, 24 Hour Urine -continued-							refrigerated during collection. Transport the specimen promptly to the Laboratory. <b>Inpatient Collection:</b> Container <b>must</b> be labeled with patient's full name, medical record number, room number; date and time collection started and date and time collection finished. <b>Outpatient Collection:</b> Container <b>must</b> be labeled with patient's full name and date of birth; date and time collection started and date and time collection finished.
Uric Acid, Body Fluid	84560	Body fluids: 5 mL	Refrigerate	<i>Interpretive Data</i>	Set up: 24 hours, daily	Stat: 1 hour Routine: 4 hours	Indicate source of body fluid.
Uric Acid, Urine	84560	Random urine 5 – 10 mLs	Refrigerate	<i>Interpretive Data</i>	Set up: 24 hours, daily	Stat: 1 hour Routine: 4 hours	
Urinalysis With Microscopics	81001	10 –15 mLs random Urine	Refrigerate	See below for reference range <u>Macroscopic</u> <b>Color:</b> Normal: Yellow Abnormal: Amber, Colorless, Red Green, Straw, Orange, Brown <b>Character:</b> Normal: Clear Abnormal: hazy or cloudy <u>Specific Gravity:</u> 1.005 – 1.025 <u>Urine pH:</u> 5.0 – 7.0 <u>Protein:</u> Negative <u>Urine Glucose:</u> Negative <u>Urine Ketone:</u> Negative	Set up: 24 hours, daily	Stat: 1 hour Routine: 4 hours	Reducing substance assay is included with the routine urinalysis on all pediatric patients under 1 year of age.

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<p>Urinalysis With Microscopics -continued-</p>				<p><u>Urine Blood</u>: Negative  <u>Urine Bilirubin</u>: Negative  <u>Nitrite</u>: Negative  <u>Urobilinogen</u>:                      0.2 – 1.0 Eu/dl  <u>Leukocyte Esterase</u>:                      Negative  <u>Microscopic</u>  <u>Urine White Blood Cells</u>                      0 – 10 / HPF  <u>Urine Red Blood Cells</u>                      0 – 3 / HPF  <u>Squamous Epithelial Cells</u>                      0 – 9 / HPF  <u>Renal Epithelial Cells</u>                      0 / HPF  <u>Urine Mucus</u> - None  <u>Urine Bacteria</u> – None    <u>Hyaline Casts</u> –                      0 – 41 /LPF  <u>Fine Granular</u> –                      0 / LPE  <u>Course Granular Cast</u>                      0 / LPF  <u>White Blood Cell Cast</u>                      0 / LPF  <u>Waxy Cast</u> –                      0 / LPF  <u>Calcium Oxalate Crystal</u>                      None  <u>Triple Phosphate Crystal</u>                      None  <u>Uric Acid Crystal</u> – None  <u>Yeast</u> – None</p>			



Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Urinalysis With Microscopics -continued-				<p><u>White Blood Cell Clumps</u> None</p> <p><u>Urine Trichomonas</u> – None</p>			
Urinalysis with Reflex	81001 If reflexed add 87088	10 –15 mLs random Urine	Refrigerate	<p>See below for reference range</p> <p><u>Macroscopic</u></p> <p><u>Color:</u> <b>Normal:</b> Yellow <b>Abnormal:</b> Amber, Colorless, Red Green, Straw, Orange, Brown</p> <p><u>Character:</u> <b>Normal:</b> Clear <b>Abnormal:</b> hazy or cloudy</p> <p><u>Specific Gravity:</u> 1.005 – 1.025</p> <p><u>Urine pH:</u> 5.0 – 7.0</p> <p><u>Protein:</u> Negative</p> <p><u>Urine Glucose:</u> Negative</p> <p><u>Urine Ketone:</u> Negative</p> <p><u>Urine Blood:</u> Negative</p> <p><u>Urine Bilirubin:</u> Negative</p> <p><u>Nitrite:</u> Negative</p> <p><u>Urobilinogen:</u> 0.2 – 1.0 Eu/dl</p> <p><u>Leukocyte Esterase:</u> Negative</p> <p><u>Microscopic</u></p> <p><u>Urine White Blood Cells</u> 0 – 10 / HPF</p> <p><u>Urine Red Blood Cells</u> 0 – 3 / HPF</p> <p><u>Squamous Epithelial Cells</u> 0 – 9 / HPF</p>	Set up: 24 hours, daily	Stat: 1 hour Routine: 4 hours	Reducing substance assay is included with the routine urinalysis on all pediatric patients under 1 year of age.

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<p><b>Urinalysis with Reflex -continued-</b></p>				<p><u>Renal Epithelial Cells</u> O / HPF</p> <p><u>Urine Mucus</u> - None</p> <p><u>Urine Bacteria</u> - None</p> <p><u>Hyaline Casts</u> – O – 41 /LPF</p> <p><u>Fine Granular</u> – O / LPE</p> <p><u>Course Granular Cast</u> - O / LPF</p> <p><u>White Blood Cell Cast</u> O / LPF</p> <p><u>Waxy Cast</u> – O / LPF</p> <p><u>Calcium Oxalate Crystal</u> – None</p> <p><u>Triple Phosphate Crystal</u> None</p> <p><u>Uric Acid Crystal</u> – None</p> <p><u>Yeast</u> – None</p> <p><u>White Blood Cell Clumps</u> None</p> <p><u>Urine Trichomonas</u> – None</p>			
<p><b>Urinalysis without Microscopic</b></p>	<p><b>81003</b></p>	<p>10 –15 mLs random Urine</p>	<p>Refrigerate</p>	<p>See below for reference range</p> <p><u>Macroscopic</u></p> <p><u>Color:</u> <b>Normal:</b> Yellow <b>Abnormal:</b> Amber, Colorless, Red Green, Straw, Orange, Brown</p> <p><u>Character:</u> <b>Normal:</b> Clear <b>Abnormal:</b> hazy or cloudy</p> <p><u>Specific Gravity:</u> 1.005 – 1.025</p>	<p><b>Set up:</b> <b>24 hours, daily</b></p>	<p><b>Stat:</b> 1 hour <b>Routine:</b> 4 hours</p>	<p>Reducing substance assay is included with the routine urinalysis on all pediatric patients under 1 year of age.</p>

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Urinalysis without Microscopic -continued-				<p><u>Urine pH:</u> 5.0 – 7.0</p> <p><u>Protein:</u> Negative</p> <p><u>Urine Glucose:</u> Negative</p> <p><u>Urine Ketone:</u> Negative</p> <p><u>Urine Blood:</u> Negative</p> <p><u>Urine Bilirubin:</u> Negative</p> <p><u>Nitrite:</u> Negative</p> <p><u>Urobilinogen:</u> 0.2 – 1.0 Eu/dl</p> <p><u>Leukocyte Esterase:</u> Negative</p>			
Urinalysis – Microscopics Only	81015	10 –15 mLs random Urine	Refrigerate	<p>See below for reference range</p> <p><u>Microscopic</u></p> <p><u>Urine White Blood Cells</u> 0 – 10 / HPF</p> <p><u>Urine Red Blood Cells</u> 0 – 3 / HPF</p> <p><u>Squamous Epithelial Cells</u> 0 – 9 / HPF</p> <p><u>Renal Epithelial Cells</u> 0 / HPF</p> <p><u>Urine Mucus</u> - None</p> <p><u>Urine Bacteria</u> - None</p> <p><u>Hyaline Casts</u> – 0 – 41 /LPF</p> <p><u>Fine Granular</u> – 0 / LPE</p> <p><u>Course Granular Cast -</u> 0 / LPF</p> <p><u>White Blood Cell Cast –</u> 0 / LPF</p> <p><u>Waxy Cast</u> – 0 / LPF</p> <p><u>Calcium Oxalate Crystal –</u> None</p>	<b>Set up:</b> <b>24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	Reducing substance assay is included with the routine urinalysis on all pediatric patients under 1 year of age.

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Urinalysis – Microscopics Only -continued-				<u>Triple Phosphate Crystal</u> None <u>Uric Acid Crystal</u> – None <u>Yeast</u> – None <u>White Blood Cell Clumps</u> None <u>Urine Trichomonas</u> – None			
Urine Culture (Bacteria. Culture Urine)	87086	Urine 2mL in sterile tube or urine tube. <b>Collection</b> Clean catch urine. Early morning specimens yield the highest bacterial counts from overnight incubation in the bladder. <b>Catherized Specimen</b> <b>Patient Preparation:</b> As per Nursing Procedure Manual for catheterization. Do not collect urine from the drainage bag when an indwelling catheter is in place, because growth of bacteria can occur in the bag itself. Rather, clean catheter with an alcohol sponge, puncture with sterile needle, and collect in sterile syringe. (Certain silicone catheters may then leak, this technique is unsatisfactory for them.) Catheter tips are contaminated by the urethra as they are withdrawn; do not culture them.	Refrigerate	“No Growth 48 hours”	<b>Set up:</b> 24 hours, daily	<b>Final report at 48 hours.</b>  Preliminary reports issued daily.	Urine culture includes aerobic culture, colony count and sensitivity testing if indicated.  <b>Causes for Rejection</b> Specimen not received in appropriate sterile container, unrefrigerated specimen more than 2 hours old, spillage or contamination of specimen.  If an unacceptable specimen is received, the nursing Station/client will be called and another specimen will be requested before disposal of the specimen.
Urine Drug Screen	80301 Alt. Code G0479	Random Urine	Ambient	Negative	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	Tests Included: Barbiturates, Benzodiazepine, Cannabinoids, Cocaine, Methadone, Opiates, Phencyclidine, Amphetamine\ Methamphetamine.

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Urine Qualitative Pregnancy Test	84702	5 – 10 mL of random urine. First morning specimen is preferred	Refrigerate	Normal males and non-pregnant females: <b>Negative</b> Normal pregnant females: <b>Positive</b>	Set up: 24 hours, daily	Stat: 30 minutes Routine: 4 hours	
Vaginal Culture Order Genital Culture	87077	Collection: Swab of discharge, vaginal cervical, endocervical or 1 –2 mL fluid.	Ambient	Negative for Gr. B Streptococcus, <i>Neisseria gonorrhoeae</i> .	Set up: 24 hours, daily	Final negative culture at 72 hours. Preliminary reports issued daily.	
Valium See: Diazepam & Nordiazepine	80346 Alt. Code G0480	Plain red top tube 1 mL	Refrigerate	See Report or Scanned Document	Set up: Monday, Wednesday, Friday	3 – 4 days	Outside Reference Laboratory Sodium or Lithium Heparin EDTA Plasma
Vaginitis Panel	87480; 87510; 87660 (alt code for Medicare 87800)	Affirm VPIII Ambient Temperature Transport System	Ambient	Interpretive data	Set up: 24 hours, daily	2 hours	
Valproic Acid Level	80164	Serum: SST, tiger top tube 1 mL required volume 0.5 mL minimum volume	Refrigerate	50.0 - 100.0 µg/mL	Set up: 24 hours, daily	Stat: 1 hour Routine: 4 hours	Critical Values: > 125.0 µg/mL
Valproic Acid, Free (Depakene, Free) (Dipropylacetic Acid)	80165	Serum Plain red top tube, no gel Alternate: Plasma EDTA Lavender top tube 1 mL required volume 0.2 mL minimum volume)	Refrigerate	See Report or Scanned Document	Set up: Monday – Saturday	3 – 4 days	Outside Reference Laboratory Do not use gel separation clot tubes. Centrifuge and immediately separate serum or plasma specimens from the cells into Sterile Aliquot tube.
Vancomycin Resistant Enterococcus (VRE) Culture	87081	Rectal swabs	Ambient	Negative for Vancomycin . Resistant enterococcus at 48 hours.	Set up: 24 hours, daily	48 hours Preliminary reports issued daily.	Used for screening for colonized patients
Vancomycin, Peak	80202	Serum, SST, tiger top tube 1 mL required volume 0.5 mL minimum volume  Collection time must be written on the collection tube.	Refrigerate	30.0 – 40.0 µg/mL	Set up: 24 hours, daily	1 - day	Critical Values: > 40.0 µg/mL The peak should be drawn 30 minutes after the end of an IV infusion.

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Vancomycin Level, Random</b>	80202	Serum, SST, <b>tiger top tube</b> 1 mL required volume 0.5 mL minimum volume	Refrigerate	0 – 40.0 µg/mL	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	<b>Critical Values:</b> > 40.0 µg/mL
<b>Vancomycin, Trough</b>	80202	Serum, SST, <b>tiger top tube</b> 1 mL required volume 0.5 mL minimum volume  <b>Collection time must be written on the collection tube.</b>	Refrigerate	10 - 20 µg/mL	<b>Set up:</b> 24 hours, daily	<b>Stat:</b> 30 minutes <b>Routine:</b> 4 hours	<b>Critical Values:</b> > 20 µg/mL The trough is drawn 30 minutes prior to next dose.
<b>Vanilla Allergen</b>  <i>Formerly: Vanilla IgE</i>	86003	Serum, SST, <b>tiger top tube</b> 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up:</b> Monday – Friday	2 - 4 days	<b>Outside Reference Laboratory</b>
<b>Varicella Zoster Antibody IgG</b>	86787	Serum, SST, <b>tiger top tube</b> 0.5 mL required volume 0.3 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Sat up:</b> Tuesday – Saturday	1 day	<b>Outside Reference Laboratory</b>
<b>Varicella Zoster Antibody IgG/IgM, CSF</b>  <i>Formerly: Varicella Zoster Antibody, CSF</i>	86787	CSF (Cerebrospinal Fluid) In sterile screw top container 3 mL required volume 1 mL minimum volume	Ambient	<i>See Report or Scanned Document</i>	<b>Set up:</b> Monday – Friday	3 days	<b>Outside Reference Laboratory</b>
<b>Varicella Zoster Virus Qual PCR</b>  <i>Formerly: Varicella Zoster PCR</i>	87798	Serum, SST, <b>tiger top tube</b>  Alternate: Plasma EDTA <b>Lavender</b> top tube  Alternate: CSF (Cerebrospinal Fluid), Ocular fluid, tissue or vesicle fluid. 1 mL required volume 0.5 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	<b>Sat up:</b> Sunday – Saturday	1 – 3 days	<b>Outside Reference Laboratory</b> <b>Unacceptable Conditions</b> Heparinized specimens.

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>.VZU IgM IFA</b>  <b>Formerly: Varicella Zoster IgM</b>	<b>86787</b>	Serum, SST, <b>tiger top tube</b> 1 mL required volume 0.5 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday , Wednesday, Friday</b>	3 days	<b>Outside Reference Laboratory</b>
<b>Vasoactive Intestinal Polypeptide</b>	<b>84586</b>	Plasma, Protease Inhibitor Tube (PPACL) 1 mL required volume 0.5 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	<b>Set up: Wednesday, Saturday</b>	5 – 8 days	<b>Outside Reference Laboratory</b> <b>Collect in:</b> Protease Inhibitor tube (PPACK) <b>with a winged collection set must be used.</b> <b>NOT RECOMMENDED:</b> Filling collection tubes directly through a needle/tube-holder assembly increases the risk of chemical reflux back into the vein of the patient. Mix Collection tube thoroughly - Spin, separate plasma into a plastic pour off tube & freeze within 1 hour of collection. <b>Separate specimens must be submitted when multiple tests are ordered.</b> <b>Unacceptable: Specimens from other collection tubes or gross hemolysis</b>
<b>VDRL with Reflex to Titer CSF</b>  <b>Formerly: VDRL, CSF</b>	<b>86592</b>	CSF (Cerebrospinal Fluid) Collected in sterile screw top container 0.5 mL required volume 0.2 mL minimum volume	Refrigerate	<i>Interpretive Data</i>	<b>Set up: 24 hours, Daily</b>	1 – 2 days	<b>Outside Reference Laboratory</b> Unacceptable Conditions: Plasma, serum, or other body fluids
<b>VDRL, CSF</b>	<b>86592</b>	CSF (Cerebrospinal Fluid) Collected in sterile screw top container 0.5 mL required volume 0.2 mL minimum volume	Refrigerate	<i>Interpretive Data</i>	<b>Set up: 24 hours, Daily</b>	1 – 2 days	<b>Outside Reference Laboratory</b> Unacceptable Conditions: Plasma, serum, or other body fluids
<b>VDRL, Serum</b>	<b>86592</b>	Serum, SST, <b>tiger top tube</b> 1 mL required volume 0.2 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	1 – 4 days	<b>Please note particular virus suspected.</b>
<b>Venous Cord Blood Gas</b>	<b>82805</b>	Heparinized syringe	On ice	<i>Interpretive Data</i>	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Viral Culture</b>	<b>87252</b>	Swabs in Viral Transport media; nasal washings; bronchial washings, body fluids, tissues	Sent to Micro Lab as soon as possible after collection	Negative	<b>Set up: 24 hours, daily</b>	<b>2 weeks</b>	
<b>Viral Isolation, Comprehensive</b>	<b>87252 87253</b>	Eye swab, lesion, stool, tissue (brain, colon, kidney, liver, etc.), or urine. 3 mL required volume 0.5 mL minimum volume	Refrigerate	<b>See Report or Scanned Document</b>	<b>Set up: Sunday – Saturday</b>	<b>3 – 14 days</b>	<b>Outside Reference Laboratory</b>
<b>Viral Culture, Complete</b>	<b>87252</b>	Viral transport media 2 mL required volume (1.2 mL minimum volume)	Refrigerate	No Virus isolated.	<b>Set up: 24 hours, daily.</b>	<b>Up to 4 weeks</b>	Get Viral collection Kit from Microbiology.
<b>Viscosity, Serum</b>	<b>85810</b>	Serum, SST, <b>tiger top tube</b> 3 mL required volume 0.6 mL minimum volume	Frozen	<b>See Report or Scanned Document</b>	<b>Set up: Monday – Friday</b>	<b>2 – 5 days</b>	<b>Outside Reference Laboratory</b> Please note particular virus suspected. Unacceptable: Hemolyzed or clotted specimens
<b>Vitamin A Level</b>	<b>84590</b>	Serum, SST, <b>tiger top tube</b> 1 mL required volume 0.2 mL minimum volume	Refrigerate	<b>See Report or Scanned Document</b>	<b>Set up: Sunday – Saturday</b>	<b>2 - 5 days</b>	<b>Outside Reference Laboratory</b> Patient should fast for 12 hours and abstain from alcohol for 24 hours prior to collection. <b>Protect from light during collection, storage, and shipment. Separate serum or plasma within 1 hour of collection.</b> Unacceptable Conditions: Whole blood or body fluids other than serum or plasma.
<b>Vitamin B1, Plasma</b>  <b>Formerly: Vitamin B1, (Thiamine) Plasma</b>	<b>84425</b>	Plasma, EDTA Lavender top tube 3 mL required volume 0.2 mL minimum volume  <b>Protect from light.</b>	Frozen	<b>See Report or Scanned Document</b>	<b>Set up: Sunday – Saturday</b>	<b>3 – 6 Days</b>	<b>Outside Reference Laboratory</b> <b>Protect from light within one hour of collection, and during storage and transport. Separate plasma from cells within one hour of collection.</b> Separate specimens must be submitted when multiple tests are ordered. Unacceptable Conditions: Hemolyzed specimens or specimens other than heparin or EDTA plasma.



Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Vitamin B1, (Thiamine)</b>  <i>Formerly: Vitamin B1, Level</i>	84425	Whole Blood, EDTA Lavender top tube 3 mL required volume 1 mL minimum volume	Frozen	<b>See Report or Scanned Document</b>	<b>Set up: Sunday – Saturday</b>	3 – 5 days	<b>Outside Reference Laboratory</b> <b>CRITICAL FROZEN.</b> Separate specimens must be submitted when multiple tests are ordered. Collect and freeze 3mL(0.6mL) EDTA Whole Blood. Transfer whole blood to a plastic shipping vial to prevent breakage. <b>Freeze immediately.</b> <b>Protect from light within one hour of collection and during storage and shipment.</b> Unacceptable Specimens: Any specimen other than whole blood. Glass tubes. Clotted or non-frozen specimens
<b>Vitamin B12 Level</b>	82607	Serum: SST red top <b>tube</b>	Refrigerate	211-911 pg/mL	<b>Set up: 24 hours, daily</b>	24 hours	
<b>Vitamin B2 (Riboflavin)</b>	84242	Plasma, Lithium Heparin PST <b>Green</b> top tube  <b>Alternate:</b> Plasma Sodium Heparin <b>green</b> top tube, no gel. 1 mL required volume 0.5 mL minimum volume	Frozen	<b>See Report or Scanned Document</b>	<b>Set up: Monday, Wednesday, Friday</b>	2 – 7 day	<b>Outside Reference Laboratory</b> <b>CRITICAL FROZEN.</b> Separate specimens must be submitted when multiple tests are requested. <b>Wrap tube in aluminum foil to protect from light!</b> Unacceptable Conditions: Serum, whole blood, or body fluids. EDTA preserved tubes. Non-frozen, hemolyzed, or lipemic specimens
<b>Vitamin B3</b>  <b>See: Niacin, (Vitamin B3)</b>							
<b>Vitamin B5 (Pantothenic Acid)</b>	84999	Serum, Plain <b>red</b> top tube, no gel.  <b>Alternate:</b> Plasma EDTA <b>Lavender</b> top tube  1.2 mL required volume 0.6 mL minimum volume	Refrigerate	<b>See Report or Scanned Document</b>	<b>Set up: Tuesday, Thursday</b>	1 – 4 days	<b>Outside Reference Laboratory</b> <b>Unacceptable: Collection with gel barriers (SST or PST).</b>

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Vitamin B6 (Pyridoxal 5 – Phosphate)	84207	Plasma, Lithium Heparin PST light <b>green</b> top tube.  <b>Alternate:</b> Plasma Sodium Heparin <b>green</b> top tube  <b>Alternate:</b> Serum Plain <b>red</b> top tube, no gel  1 mL required volume 0.5 mL minimum volume  <b>Protect from light during collection, storage, and shipment.</b>	Frozen	<i>See Report or Scanned Document</i>	<b>Set up:</b> Sunday - Saturday	2 - 4 days	<b>Outside Reference Laboratory</b> Collect the specimen after an overnight fast. <b>Collect in a Light Protected tube.</b> <b>Separate plasma or serum from cells within 1 hour of collection.</b> <b>Transfer 1mL(0.5mL) of plasma or serum into a light protected plastic aliquot tube. Make sure that patient information is both above and below light protection.</b> <b>Separate frozen specimens must be submitted when multiple tests are ordered.</b> Protect from light during collection, storage, and shipment.  Unacceptable Specimens: <b>Any specimens other than heparinized plasma or serum. Serum separator tubes or EDTA preserved tubes. Hemolyzed specimens. Specimens not protected from light.</b>
Vitamin C Level	82180	Plasma, Lithium Heparin PST <b>green</b> top tube  <b>Alternate:</b> Plasma Sodium Heparin <b>green</b> top tube, no gel.  0.5 mL required volume 0.3 mL minimum volume  <b>Protect from light.</b>	Frozen	<i>See Report or Scanned Document</i>	<b>Set up:</b> Sunday, Tuesday - Thursday, Saturday	2 – 8 days	<b>Outside Reference Laboratory</b> Overnight fasting is preferred. Patient should refrain from taking vitamin supplements 24 hours prior to collection. Centrifuge, transfer plasma and freeze within 1 hour of collection. <b>CRITICAL FROZEN AND LIGHT PROTECTED.</b> Separate specimens must be submitted when multiple tests are ordered.  Unacceptable Conditions: EDTA plasma, whole blood, or body fluids, and grossly hemolyzed specimens. Remarks: Thawing and refreezing of the specimen and exposure to light will result in decreased Vitamin C concentration.
Vitamin D1, 25 – Dihydroxy	82652	Serum, SST, <b>tiger top tube</b>  <b>Alternate:</b> Serum Plain <b>red</b> top tube, no gel	Refrigerate or Frozen	<i>See Report or Scanned Document</i>	<b>Set up:</b> Sunday – Saturday	3 - 5days	<b>Outside Reference Laboratory</b> Allow serum separator or plain red tube to sit for 15-20 minutes at room temperature for proper clot formation. Centrifuge and separate serum or plasma from cells ASAP or within 2

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<i>Formerly:</i> <b>Vitamin D 11, 25 dihydroxy Level</b>		<b>Alternate:</b> Plasma EDTA <b>Lavender</b> top tube  1 mL required volume 0.5 mL minimum volume					hours of collection. Transport Refrigerated or Frozen in plastic aliquot tube. <b>Lavender (EDTA) Plasma Specimens are now also acceptable.</b>
<b>Vitamin D Fractionated (Total, D2, D3)</b>  <i>Formerly::</i> <b>Vitamin D 25 Hyd (D2,D3), LC/MS/MS &gt;3 y</b>	82306	Serum, SST, <b>tiger top tube</b> 1 mL required volume 0.15 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Sunday – Saturday</b>	2 – 5 days	<b>Outside Reference Laboratory</b> Unacceptable Conditions: Room temperature specimens older than 24 hours.
<b>Vitamin D 25 Hydroxy Level</b>  <i>Formerly:</i> <b>Vitamin D, 25-Hydroxy</b>	82306	Serum, SST, <b>tiger top tube</b> 1 mL required volume 0.3 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	2 – 3 days	<b>Outside Reference Laboratory</b> <b>EDTA Plasma is not an acceptable specimen type.</b> Refrigerated specimens are acceptable within the refrigerated stability range of 1 week.
<b>Vitamin D, Total</b>	82306	Serum, SST, <b>tiger top tube</b> 1 mL required volume 0.3 mL minimum volume	Refrigerate	20 – 50 ng/mL	<b>Set up: 24 hours, daily</b>	2 – 4 days	
<b>Vitamin E Level (Tocopherol)</b>	84446	Serum, SST, <b>tiger top tube</b>  <b>Alternate:</b> Plasma Lithium Heparin PSST <b>green</b> top tube  1 mL required volume 0.2 mL minimum volume <b>Protect from Light.</b>	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Sunday – Saturday</b>	1 – 3 days	<b>Outside Reference Laboratory</b> <b>Wrap tube in foil to protect from light.</b> Alternate specimens: Plasma, Sodium Heparin.
<b>Vitamin K1</b>	84597	Serum, SST, <b>tiger top tube</b>  <b>Alternate:</b> Plasma EDTA <b>Lavender</b> top tube  1 mL required volume 0.6 mL minimum volume  <b>Protect from light during collection, storage, and shipment.</b>	Frozen	<i>See Report or Scanned Document</i>	<b>Set up: Sunday – Friday</b>	3 – 6 days	<b>Outside Reference Laboratory</b> Draw specimen following an overnight (12-hour) fast. Patient should not consume alcohol for one day prior to blood draw. Avoid hemolysis. <b>Protect from light during collection, storage, and shipment.</b> Separate specimens must be submitted when multiple tests are ordered.

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Vanillylmandelic Acid, 24 hour or Random Urine</b>  <i>Formerly: VMA, 24 hours Urine</i>	84585 82570	Urine, 24 hour collection 24 hour urine container  <b>Alternate:</b> Random urine collection in sterile urine container	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Sunday, Tuesday – Saturday</b>	2 – 4 days	<b>Outside Reference Laboratory</b> Collect: 24-hour or random urine. Refrigerate 24-hour specimens during collection. <b>Record total volume and collection time interval on transport tube and test request form.</b> Transfer 4 mL aliquot from a well-mixed 24-hour or random collection to a standard transport tube
<b>Voltage Gated Calcium Channel (VGCC) Antibody</b>  <i>Formerly: Voltage Gated Calcium Channel Antibody Assay</i>	83519	Serum, Plain <b>Red</b> top tube, no gel 1 mL required volume 0.2 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday</b>	2 – 9 days	<b>Outside Reference Laboratory</b> Separate serum from cells ASAP or within 2 hours of collection. Unacceptable Conditions: Plasma. Hemolyzed or grossly lipemic specimens.
<b>Volatile Screen</b>  <i>Formerly: Isopropanol Level</i>	G6040	Collect whole blood specimen in a plain <b>red</b> or <b>gray</b> (sodium fluoride/potassium oxalate) tube. 3 mL required volume 0.5 mL minimum volume		<i>See Report or Scanned Document</i>	<b>Set up: Sunday – Saturday</b>	1 – 2 days	<b>Outside Reference Laboratory</b>
<b>Von Willebrand Factor Multimer Assay</b>  <i>Formerly: Von Willebrand Antigen Multimeric</i>	85247	Plasma, Sodium Citrate 3.2% <b>blue</b> top tube. 1 mL required volume 0.5 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Saturday</b>	5 – 12 days	<b>Outside Reference Laboratory</b> If specimen is not tested within 4 hours, follow double spin procedure to create 1mL(0.5mL) platelet-poor plasma frozen aliquot(s). <b>CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.</b> Unacceptable Conditions: Serum. Specimens collected in wrong anticoagulant. Clotted, hemolyzed, or non-frozen specimens.
<b>Von Willebrand Factor Antigen</b>	85246	Plasma, Sodium Citrate 3.2% <b>blue</b> top tube. 2 mL required volume 1 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday – Friday</b>	3 – 4 days	<b>Outside Reference Laboratory</b> Tubes must be filled to the proper level, no hemolysis. Improperly filled tubes can give erroneous results. Whole blood must be transported to lab immediately. If testing cannot be started within 4

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Von Willebrand Factor Antigen -continued-							hours of collection the specimen must be double spun then 1.5 ml plasma aliquot from each tube into individual plastic aliquot tubes and freeze. <b>Do not pool aliquots together!</b>
Von Willebrand Factor Activity (RCF)  <i>Formerly: Ristocetin CoFactor</i>	85245	Plasma, Sodium Citrate 3.2% light blue top tube) 2 mL required volume 1 mL minimum volume	Frozen	<i>Interpretive Data</i>	Set up: Wednesday, Friday	1 – 5 days	<b>Outside Reference Laboratory</b> Frozen Citrated plasma, plasma must be double spun and frozen in 1.5 ml aliquots. Do not pool plasma from multiple tubes! Do not thaw. Hemolyzed specimens are not acceptable. See Specimen Collection Section, Coagulation Testing. Fasting for at least 8 hours is preferred.
Voriconazole Level	80299	Serum and Plasma Sodium Heparin green top tube, no gel. Alternate: Plasma and serum EDTA Lavender top tube 1 mL required volume 0.6 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	Set up: Tuesday, Thursday, Saturday	1 – 6 days	<b>Outside Reference Laboratory</b>
W. Hickory (C. Tomentosa) Allergen Specific	86003	Serum SST, tiger top tube 0.3 mL required volume 0.15 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	3 days	<b>Outside Reference Laboratory</b>
Walnut Allergen  <i>Formerly; Walnut IgE</i>	86003	Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<b>Outside Reference Laboratory</b> Unacceptable: Room Temperature
Walnut IgG	86001	Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume	Ambient	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<b>Outside Reference Laboratory</b>
Walnut Tree IgE	86003	Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume	Ambient	<i>See Report or Scanned Document</i>	Set up: Monday – Friday	2 - 4 days	<b>Outside Reference Laboratory</b>

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Watermelon Allergen</b> <i>Formerly: Watermelon IgE</i>	86003	Serum SST, <b>tiger top tube</b> 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	2 - 4 days	<i>Outside Reference Laboratory</i>
<b>WBC (Differential)</b>	85007	1 – EDTA Tube ( <b>Lavender</b> tube)	Refrigerate	<b>WBC - White Blood Cell Count</b> 0 - 1 month ..... 5,000 - 30,000 /cumm 1 month - 1yr ..... 5,000 - 17,500 /cumm 1 yr - 14 yrs..... 5,000 - 12,500 /cumm 14 yrs - 19 yrs..... 4,500 - 11,000 /cumm >19 yrs- 150 yrs..... 4,500 - 10,300 /cum	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	<b>Critical Value:</b>  <b>White Blood Count</b> 0 - 1 month..... <1, > 40 x10 <sup>3</sup> mm <sup>3</sup> 1 month - 1yr.....< 1, > 40 x10 <sup>3</sup> mm <sup>3</sup> 1 yr - 14 yrs.....<1, > 40 x10 <sup>3</sup> mm <sup>3</sup> 14 yrs - 19 yrs...<1, > 40 x10 <sup>3</sup> mm <sup>3</sup> 19 yrs - 15 yrs...<1, > 40 x10 <sup>3</sup> mm <sup>3</sup>
<b>WBC, Body Fluid</b>	89050	Collect body fluid in a sterile container. 1 mL required volume  <b>Please note site of fluid.</b>	Refrigerate	<i>Interpretive Data</i>	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 4 hours	<b>Critical Value:</b> <b>&gt;10 for WBC</b>
<b>WBC Smear (White Blood Cell Smear), Fecal WBC's, Fecal Leukocytes )</b>  <b>See Stool WBC</b>	87205	(.5 – 1 mL) Fresh random stool or rectal swab.  <b>Storage Instructions:</b> Transport specimen to the laboratory as soon as possible after collection. Significant deterioration of the specimen occurs with prolonged storage. Refrigerate specimen.	Refrigerate	No WBC's seen or Negative for WBCs	<b>Set up: 24 hours, daily</b>	<b>2 hours.</b>	<b>Additional Information:</b> Conditions associated with marked fecal leukocytes, blood and mucus include diffuse antibiotic associated colitis, ulcerative colitis, shigellosis, and salmonellosis, <i>Campylobacter</i> , and <i>Yersinia</i> infection. <i>Salmonella typhi</i> may evoke a monocyte response. Conditions associated with modest numbers of fecal leukocytes include early shigellosis involving small bowel, antibiotic associated colitis, and amebiasis. Conditions associated with an absence of fecal leukocytes include toxigenic bacterial infection, giardiasis, and viral infections.
<b>West Nile Virus Antibody IgG and IgM</b>  <i>Formerly: West Nile Virus Antibodies IgG, IgM. Serum</i>	86788 86789	Serum SST, <b>tiger top tube</b> 1 mL required volume 0.5 mL minimum volume	Frozen	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday, Thursday</b>	2 – 5 days	<i>Outside Reference Laboratory</i> Specimen is good refrigerated for 48 hours. If testing will be delayed longer than 48 hours, specimen should be centrifuged, serum separated and frozen.

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>West Nile Virus Antibody Panel CSF</b>  <i>Formerly; West Nile Antibody, IgG/IgM, CSF</i>	<b>86789 86788</b>	CSF(Cerebrospinal Fluid) Collect in Sterile screw top container 2 mL required volume 0.3 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Tuesday, Friday</b>	<b>2 – 8 days</b>	<b>Outside Reference Laboratory</b>
<b>Westergren Sedimentation Rate</b>  See ESR	<b>85651</b>	1 – EDTA Tube ( <b>Lavender</b> top tube). Tuber must be half full and not clotted.	Ambient	0 – 20 mm / hr	<b>Set up: 24 hours, daily</b>	<b>2 hours</b>	Tube must be half full and not clotted. Tests cannot be added on after tube has been at room temperature for 8 hours or after 12 hours refrigeration.
<b>Wheat IgG</b>	<b>86001</b>	Serum SST, <b>tiger top tube</b> 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	<b>2 – 4 days</b>	<b>Outside Reference Laboratory</b>
<b>White Bean Allergen</b>	<b>86003</b>	Serum SST, <b>tiger top tube</b> 1 mL required volume 0.1 mL minimum volume	<b>Refrigerate</b>	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	<b>2 – 4 days</b>	<b>Outside Reference Laboratory</b>
<b>White Blood Cell Count</b>	<b>85048</b>	1 – EDTA Tube ( <b>Lavender</b> top tube)	< 8 hours Ambient  > 8 hours Refrigerate	<b>WBC - White Blood Cell Count</b> 0 - 1 month ..... 5,000 - 30,000 /cumm 1 month - 1yr ..... 5,000 - 17,500 /cumm 1 yr - 14 yrs..... 5,000 - 12,500 /cumm 14 yrs - 19 yrs..... 4,500 - 11,000 /cumm >19 yrs- ..... 4,500 - 10,300 /cumm	<b>Set up: 24 hours, daily</b>	<b>Stat:</b> 1 hour <b>Routine:</b> 2 hours	Tube must be half full and not clotted.  <b>Critical Values:</b> <b>&lt; 1000 / cumm</b> <b>&gt;40,000 / cumm</b>
<b>Wheat IgE</b>	<b>86003</b>	Serum SST, <b>tiger top tube</b> 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	<b>2 - 4 days</b>	<b>Outside Reference Laboratory</b> Unacceptable: Room Temperature
<b>Wheat IgG</b>	<b>86001</b>	Serum SST, <b>tiger top tube</b> 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	<b>2 - 4 days</b>	<b>Outside Reference Laboratory</b>

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Whey Allergen <i>Formerly: Whey IgE</i>	86003	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	2 - 4 days	<i>Outside Reference Laboratory</i>
White Ash Tree Allergen <i>Formerly: White Ash IgE</i>	86003	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	2 - 4 days	<i>Outside Reference Laboratory</i> Unacceptable: Room Temperature
Whitefish Allergen <i>Formerly: Whitefish IgE Allergen Specific</i>	86003	Serum SST, <b>tiger top</b> tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	2 – 4 days	<i>Outside Reference Laboratory</i>
White Mulberry IgE  See: Mulberry tree White Allergen							
White Poplar IgE Allergen (P. ALBA)	86003	Serum SST, <b>tiger top</b> tube 0.3 mL required volume 0.15 mL minimum volume Or plain <b>red</b> tube	Refrigerate	<i>See Report or Scanned Document</i>	<b>Set up: Monday – Friday</b>	3 days	<i>Outside Reference Laboratory</i>
Wound Culture  Order Aerobic Culture with Gram Stain and Anaerobic Culture.	87070 87073	Aspirates, exudates, tissues or culturette swab.	Ambient	“No Growth 72 hours”	<b>Set up: 24 hours, daily</b>	<b>Final report at 72 hours.</b> Preliminary reports issued daily.	Identify all significant pathogens with susceptibility if appropriate. Please specify site.
Wound Cultures (abscess)  Order Aerobic Culture with Gram Stain and Anaerobic Culture.	87070 87075	Pus or other material from wound site collected on swab or in sterile container.	Ambient	“No Growth at 72 hours”	<b>Set up: 24 hours, daily</b>	<b>Final report at 72 hours.</b>  Preliminary reports issued daily.	Only rapid-growing, nonfastidious aerobic organisms will be screened for and identified. Only organisms which predominate will be completely identified. Unless specifically requested by the physician or mandated by the specimen source (i.e. genital specimen), fastidious organisms such as <i>N. gonorrhoeae</i> may not be isolated.



Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Wound Cultures (abscess) -continued-							Fungal and mycobacterial pathogens should be considered and appropriate cultures requested if indicated.  <b>Contraindications:</b> Susceptibility testing is usually performed, if indicated. If anaerobes are suspected a properly collected specimen for anaerobic culture should also be submitted and requested.
Wright Stain for Eosinophils	87205	Collect Urine specimen in sterile container.	Ambient	Negative for Eosinophils	Set up: 24 hours, daily	2 hours	
Yeast Allergen  <i>Formerly: Yeast IgE</i>	86003	Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	See Report or Scanned Document	Set up: Monday – Friday	2 - 4 days	Outside Reference Laboratory Unacceptable: Room Temperature
Yellow Hornet Allergen  <i>Formerly: Yellow Hornet IgE</i>	86003	Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	See Report or Scanned Document	Set up: Monday – Friday	2 - 4 days	Outside Reference Laboratory
Yellow Jacket Allergen  <i>Formerly: Yellow Jacket IgE</i>	86003	Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	See Report or Scanned Document	Set up: Monday – Friday	2 - 4 days	Outside Reference Laboratory
Yellow Squash Allergen  <i>Formerly: Summer Squash IgE Allergen Specific</i>	86003	Serum SST, tiger top tube 0.3 ML required volume 0.2 minimum volume	Refrigerate	See Report or Scanned Document	Set up: Monday – Friday	3 days	Outside Reference Laboratory
Yersinia IgA/IgG by Immunoblot  <i>Formerly: Yersinia Antibodies</i>	86793 X2	Serum SST, tiger top tube 1 mL required volume 0.1 mL minimum volume	Refrigerate	See Report or Scanned Document	Set up: Tuesday	1 – 8 days	Outside Reference Laboratory

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
<b>Yersinia Culture</b>	<b>87046</b>	Fresh random stool specimen, rectal swab or stool in Cary-Blair transport media. 5 mL required volume	Ambient	Negative for Yersinia	<b>Set up: 24 hours, daily</b>	<b>48 hours. Preliminary reports issued daily.</b>	
<b>Zarontin</b>  <b>See: Ethosuximide</b>	<b>80168</b>	Serum, Plan <b>red</b> top tube, no gel  <b>Alternate:</b> Plasma EDTA <b>Lavender</b> top tube  1 mL required volume 0.5 mL minimum volume	Refrigerate	<b>See Report or Scanned Document</b>	<b>Set up: Tuesday, Wednesday, Saturday</b>	2 – 6 days	<b>Outside Reference Laboratory</b> Timing of specimen collection: Pre-dose (trough) draw - At steady state concentration. Separate serum or plasma from cells ASAP or within 2 hours of collection. Unacceptable Conditions: Whole blood. Gel separator tubes, light blue (citrate), or yellow (SPS or ACD solution).
<b>Zinc, 24 Hour Urine</b>	<b>84630</b>	24 hour urine collections should be collected in a 24 hour urine container with no preservatives/acid wash container 7 mL required volume 3 mL minimum volume	Refrigerate	<b>See Report or Scanned Document</b>	<b>Set up: Sunday, Wednesday, Friday</b>	5 – 8 days	<b>Outside Reference Laboratory Collection:</b> Instruct the patient to void at 8:00 a.m. and discard the specimen. Then collect all urine, including the final specimen voided at the end of the 24-hour collection period (i.e. 8:00 a.m. the next morning). Screw the lid on securely. Keep specimen refrigerated during collection. Transport the specimen promptly to the Laboratory.  <b>Inpatient Collection:</b> Container <b>must</b> be labeled with patient's full name, medical record number, room number; date and time collection started and date and time collection finished.  <b>Outpatient Collection:</b> Container <b>must</b> be labeled with patient's full name and date of birth; date and time collection started and date and time collection finished.  Collect without preservative and transport in a plastic, acid-washed or metal-free container. Record total volume on specimen container and on test requisition. To avoid contamination, do not measure 24-hour volume.

Test Name	CPT Code	Specimen Requirement	Temp	Reference Range	Availability	TAT	Comments
Zinc, 24 Hour Urine -continued-							Specimen Stability: Room temperature: 5 days, Refrigerated: 14 days, Frozen: 30 days. Reject Criteria: Hemolysis, Fecal contamination
Zinc, Plasma/Serum	84630	Serum, Royal blue top tube  Alternate: Plasma EDTA Royal Blue Top 2 mL required volume 0.5 minimum volume	Ambient/ Refrigerate	See Report or Scanned Document	Set up: Sunday – Saturday	1 – 2 days	<b>Outside Reference Laboratory</b> 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 nonessential over-the-counter medications for one week prior to sample draw. Allow 20-30min for Serum to clot. Centrifuge specimen and pour off serum or plasma into an Trace Element-Free Transport Tube ASAP (Preferably within 2 hours of collection.) Specimens can be transported either Refrigerated or Ambient Temperature. Please Indicate Specimen type on Transport Tube. Unacceptable Specimens: Separator tubes or gels. Hemolyzed specimens.
Zinc Protoporphyrin  Formerly: Protoporphyrin, Zinc	84202	Whole Blood, EDTA Royal blue top tube Alternate: Whole Blood EDTA Lavender top Tube 1 mL required volume 0.2 minimum volume	Refrigerate	See Report or Scanned Document	Set up: Monday – Friday	2 – 5 days	<b>Outside Reference Laboratory</b> Specimens No-Longer Need to be Protected from Light. <b>Unacceptable Conditions:</b> Specimens not collected in EDTA. Clotted, frozen, or hemolyzed specimens. <b>Stability: Ambient: 30 hours; Refrigerated: 5 weeks; Frozen: Unacceptable</b>