LEGACY HEALTH | LEGACY LABORATORY SERVICES

TEST UPDATES

Notification Date: January 2020

Test Description	Effective Date	Type of Change	Comments
SMEAR, BLOOD PARASITE	1/14/2020	STAT	Updated to: Available STAT
HIV 1/2 ANTIBODY AND P24 ANTIGEN SCREEN WITH REFLEX	1/14/2020	Added Alert	Updated to: ***ALERT: Effective 12/19/19 this test will be experiencing intermittent delays in reporting due to a vendor backorder until 1/24/20***
CHLORIDE, CEREBROSPINAL FLUID (CSF)	1/14/2020	Deleted Test	Deleted test
SWEAT CHLORIDE	1/16/2020	Patient Preparation	Updated to: Asymptomatic patients with a positive newborn screen or prenatal genetic test must be at least 10 days of age, 36 weeks gestation, and weigh greater than 2 kg before testing can be performed. Symptomatic patients must be at least 48 hours old. There is no weight requirement for symptomatic patients.

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VITAMIN D, 1,25 DIHYDROXY	1/22/2020	Department	Updated to: Chemistry
		Test Mnemonic	Updated to: VITD 125
		Synonyms	Updated to: Vitamin D – 1,25-Dihydroxyvitamin D2 – 1,25-Dihydroxyvitamin D3
		Guidelines	Updated to: May be useful for evaluating calcium metabolism in individuals with hypercalcemia or renal failure in addition to 25-Hydoxyvitamin D testing. Test is not appropriate for diagnosing vitamin D deficiency or insufficiency.
		Collect	Updated to: Serum, one 5.0 mL gold (SST) or 7.0 mL red top tube
		Handling	Updated to: Allow serum to clot completely at room temperature (minimum – SST: 30 minutes; red top tubes: 60 minutes). Centrifuge and separate serum from cells within 20 hours of collection. Samples containing particulate matter, turbidity, lipemia, or erythrocyte debris may require clarification by centrifugation before testing.
		Preferred Volume	Updated to: 1.0 mL Serum
		Minimum Volume	Updated to: 0.5 mL Serum (1.2 mL minimum whole blood draw)
		Transport	Updated to: Refrigerated (2-8 ºC)
		Rejection Criteria	Updated to: Plasma, grossly hemolyzed samples, grossly lipemic samples, and samples frozen and thawed more than 4 times.
		Stability	Updated to: WHOLE BLOOD (UNSPUN): Room Temperature (18-26°C): 20 hours; Refrigerated (2-8°C): 20 hours; Frozen (≤-20°C): unacceptable SERUM (SEPARATED FROM CELLS, POST COLLECTION): Room Temperature (18-26°C): 7 days; Refrigerated (2-8°C): 14 days; Frozen (≤-20°C): 6 weeks Do not exceed 4 freeze-thaw cycles.
		Performed	Updated to: Monday and Thursday
		Reported	Updated to: 1-4 days
		Method	Updated to: Diasorin Liaison XL Chemiluminescent Immunoassay
		Referral Lab	Deleted section

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VITAMIN D, 25-HYDROXY	1/22/2020	Department	Updated to: Chemistry
		Test Mnemonic	Updated to: VITD 25
		Includes	Deleted section
		Guidelines	Updated to: Preferred test to diagnose vitamin D insufficiency and monitor response to therapy. Testing is recommended only for patients at risk for vitamin D insufficiency.
		Collect	Updated to: Serum, one 5.0 mL gold (SST) or 7.0 mL red top tube
		Handling	Updated to: Allow serum to clot completely at room temperature (minimum – SST: 30 minutes; red top tubes: 60 minutes). Centrifuge and separate serum from cells within 23 hours of collection.
		Preferred Volume	Updated to: 1.0 mL Serum
		Minimum Volume	Updated to: 0.5 mL Serum (1.2 mL minimum whole blood draw)
		Rejection Criteria	Updated to: Plasma, grossly hemolyzed samples, grossly lipemic samples, samples containing particulate matter or exhibiting obvious microbial contamination, and samples frozen and thawed more than 4 times.
		Stability	Updated to: WHOLE BLOOD (UNSPUN): Room Temperature (18-26°C): 23 hours; Refrigerated (2-8°C): 23 hours; Frozen (≤-20°C): unacceptable SERUM (SEPARATED FROM CELLS, POST COLLECTION): Room Temperature (18-26°C): 23 hours; Refrigerated (2-8°C): 5 days; Frozen (≤-20°C): 8 weeks Do not exceed 4 freeze-thaw cycles.
		Performed	Updated to: Mon-Fri
		Reported	Updated to: 1-3 days
		Method	Updated to: Diasorin Liaison XL Chemiluminescent Immunoassay

For questions, please call Laboratory Client Services at 503-413-1234 or Laboratory Outreach Client Support at 503-413-4190.

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<table>
<tr><th>Test Description</th><th>Effective Date</th><th>Type of Change</th><th>Comments</th></tr>
<tr><td></td><td></td><td>Reference Range</td><td>Updated to:
<table>
<tr><th>25-Hydroxyvitamin D (ng/mL)</th><th>Interpretation</th></tr>
<tr><td>0.0 - 14.9</td><td>Deficiency</td></tr>
<tr><td>15.0 – 29.9</td><td>Insufficiency</td></tr>
<tr><td>30.0 – 99.9</td><td>Optimal</td></tr>
<tr><td>>99.9</td><td>Possible Toxicity</td></tr>
</table></td></tr>
<tr><td>BODY FLUID CELL COUNT</td><td>1/23/2020</td><td>Test Mnemonic</td><td>Updated to: BF CC/DIFF</td></tr>
<tr><td>ALUMINUM, SERUM</td><td>1/30/2020</td><td>Handling

Rejection Criteria</td><td>Updated to: Separate from cells ASAP or within 2 hours of collection.

Updated to: Plasma. Separator tubes. Specimens that are not separated from the red cells or clot within 2 hours.</td></tr>
<tr><td>ARSENIC, URINE WITH REFLEX TO FRACTIONATED</td><td>1/30/2020</td><td>Patient Preparation</td><td>Updated to: 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. Collection of urine specimens from patients receiving iodinated or gadolinium-based contrast media should be avoided for a minimum of 72 hours post-exposure. Collection from patients with impaired kidney function should be avoided for a minimum of 14 days post contrast media exposure.</td></tr>
<tr><td>CHROMIUM, SERUM</td><td>1/30/2020</td><td>Handling

Rejection Criteria</td><td>Updated to: Separate from cells ASAP or within 2 hours of collection.

Updated to: Plasma. Separator tubes. Specimens that are not separated from the red cells or clot within 2 hours.</td></tr>
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EPSTEIN-BARR VIRUS BY PCR, PLASMA OR SERUM	1/30/2020	Handling Rejection Criteria	Updated to: **Serum or Plasma: Centrifuge blood samples ASAP or within 2 hours of collection. Remove serum or plasma before transporting and freeze.** Updated to: Heparinized specimens
KAPPA/LAMBDA QUANTITATIVE FREE LIGHT CHAINS WITH RATIO, SERUM	1/30/2020	Stability Performed CPT Codes	Updated to: Ambient: Unacceptable; Refrigerated: 3 weeks; Frozen: 6 months Updated to: Sun-Sat Updated to: 83520 x2
SELENIUM, SERUM	1/30/2020	Handling Rejection Criteria	Updated to: **Separate from cells ASAP or within 2 hours of collection.** Updated to: Plasma. Separator tubes. Specimens that are not separated from the red cells or clot within 2 hours.