NOTICE DATE: October 3, 2018

EFFECTIVE DATE: June 28, 2018

SPECIMEN REQUIREMENT CHANGE

Testosterone, Bioavailable and Total
Order Code: TTBS
CPT Code: 84410
Fee Code: AA290

Please note that effective June 28, 2018, SST tubes are no longer accepted for Mayo Medical Laboratories Testosterone, Bioavailable and Total assay. Validation studies have shown that serum gel tubes have an increased amount of analytic variability.

EFFECTIVE DATE: September 15, 2018

NEW TEST

Cryptosporidium and Giardia Antigens, Stool
Order Code: CRGAG
CPT Code: 87328, 87329
Fee Code: LA016, LA017

The MLabs Microbiology Laboratory has implemented a new Cryptosporidium and Giardia Antigens, Stool assay effective September 15, 2018. Both antigens are run together with an improved analytical time of 30 minutes. The Giardia Antigen, Stool assay (order code GAG) is no longer orderable as an individual test.

Note that the Gastrointestinal Panel (GIPAN) should be considered at additional cost, when multiple stool tests are desired. GIPAN is performed by real time PCR and identifies 21 stool pathogens.

Ova and Parasites, Stool (order code OPE) will remain available for cases where the clinician is looking for Cyclospora or Isospora.

EFFECTIVE DATE: October 1, 2018

PROFESSIONAL INTERPRETATION ADDED

Lupus Anticoagulant Screen
Order Code: LASAY
CPT Code: 85613, 85732, 85610, 85730
Fee Code: 31143, 36566, 31105, 31106
Thrombotic Risk Profile
Order Code: PROTH
CPT Code: 85610, 85730, 85240, 85300, 85420, 85384, 85385, 85303, 85306, 85307, 85613, 85732
Fee Code: 31102, 31105, 31106, 31107, 31113, 31115, 31122, 31127, 31137, 31141, 31143, 36566

von Willebrand Disease Panel
Order Code: VWD
CPT Code: 85240, 85245, 85246, 85730
Fee Code: 31127, 31118, 31117, 31106

Beginning October 1, 2018, MLabs will include a professional interpretation with the above Coagulation Profiles at an additional charge (CPT 85390) when indicated.

All von Willebrand Disease Panels will include an interpretation. All Lupus Anticoagulant and Thrombotic Risk panels will include an interpretation if any result in the panel is abnormal.

Please provide clinical history (brief description of the reason for testing, e.g., history of easy bruising and menorrhagia, family history of von Willebrand disease) and a listing of current and recent medications, including oral contraceptives, anticoagulants, and factor replacement therapy/DDAVP with orders for these tests.

EFFECTIVE DATE: October 3, 2018

NEW TEST

Mesothelioma FISH
Order Code: MMESO
CPT Code: 88377-TC, 88377-26
Fee Code: NA095

The MLabs Molecular Diagnostics Laboratory will begin offering a Mesothelioma FISH assay effective October 3, 2018.

This test detects aneuploidy for chromosomes 3, 7, 17, and loss of the 9p21 locus via fluorescence in situ hybridization (FISH) in formalin-fixed, paraffin-embedded specimens including resections, biopsies and cytology cell blocks. Positive results are consistent with a diagnosis of malignant mesothelioma. However, a positive result by this test is not specific for mesothelioma – metastatic carcinoma may also demonstrate a positive result.

A negative result may be obtained in patients with malignant mesothelioma if insufficient malignant cells are present within the sample. This result also does not rule out the presence of malignant mesothelioma that lacks the chromosomal abnormalities evaluated by this test.
Specimen Requirements:

A formalin-fixed, paraffin-embedded tissue block containing sufficient neoplastic cells is preferred. Unstained slides (3, 4-micron slides) with associated H&E stained slide are also acceptable. Decalcified tissue or other fixatives will be accepted and the assay attempted, however these may result in failed testing due to degraded nucleic acid. Both blocks and slides should be stored at room temperature.

**EFFECTIVE DATE:** October 9, 2018

**REFERENCE RANGE CHANGE**

**Alkaline Phosphatase**

Order Code: ALK  
CPT Code: 84075  
Fee Code: 20515

Effective October 9, 2018, alkaline phosphatase reference ranges will be changing. The changes will better align the Michigan Medicine Chemical Pathology Laboratory alkaline phosphatase reference ranges with Caliper Pediatric reference ranges and an internal retrospective patient data mining study performed by the laboratory. Following are the new reference ranges along with the current ranges for reference:

<table>
<thead>
<tr>
<th>Age</th>
<th>Male &amp; Female</th>
<th>Current Alkaline Phosphatase Ranges</th>
<th>New Alkaline Phosphatase Ranges</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 yr – 1 yr</td>
<td>50 – 350 IU/L</td>
<td>120 – 470 IU/L</td>
<td>1 mo – 1 yr 120 – 470 IU/L</td>
</tr>
<tr>
<td>1 yr – 10 yr</td>
<td>70 – 350 IU/L</td>
<td>1 yr – 10 yr 140 – 335 IU/L</td>
<td>1 yr – 10 yr 140 – 335 IU/L</td>
</tr>
<tr>
<td>10 yr – 17 yr</td>
<td>90 – 420 IU/L</td>
<td>10 yr – 13 yr 130 – 420 IU/L</td>
<td>10 yr – 13 yr 130 – 420 IU/L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 yr – 17 yr 80 – 300 IU/L</td>
<td>15 yr – 17 yr 80 – 300 IU/L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;17 yr 40 – 116 IU/L</td>
<td>&gt;17 yr 40 – 116 IU/L</td>
</tr>
</tbody>
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<td>130 – 420 IU/L</td>
</tr>
<tr>
<td>&gt;17 yr</td>
<td>30 – 116 IU/L</td>
<td>52 – 255 IU/L</td>
</tr>
<tr>
<td>13 yr – 15 yr</td>
<td>115 – 420 IU/L</td>
<td>50 – 116 IU/L</td>
</tr>
<tr>
<td>15 yr – 17 yr</td>
<td>80 – 300 IU/L</td>
<td>40 – 116 IU/L</td>
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<tr>
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<td>40 – 116 IU/L</td>
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</tr>
</tbody>
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