CHANGE TO APTIMA COLLECTION KIT

Effective December 31, 2017, the Aptima Vaginal Swab collection kit will be replaced by the Aptima Multitest Swab collection kit. There is no difference in these kits other than a name change. Aptima Vaginal Swab kits may be used until depleted; future orders will be filled with the Multitest Swab kit.

The Aptima Vaginal Swab is used for collection of Vaginal specimens for the following tests:

<table>
<thead>
<tr>
<th>Test Name</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlamydia trachomatis and Neisseria gonorrhoeae RNA, Urogenital</td>
<td>CHLGC</td>
</tr>
<tr>
<td>Mycoplasma genitalium RNA, Urogenital</td>
<td>MGEN</td>
</tr>
<tr>
<td>STI Panel with Mycoplasma genitalium, RNA, Urogenital</td>
<td>CGTM</td>
</tr>
<tr>
<td>STI Panel, RNA, Urogenital</td>
<td>CGT</td>
</tr>
<tr>
<td>Trichomonas vaginalis RNA, Urogenital</td>
<td>TBAG</td>
</tr>
</tbody>
</table>

TEST RESUMED

Streptozyme Screen
Order Code: STREP
CPT Code: 86060
Fee Code: 21904

Effective January 3, 2018 the MLabs Immunology Laboratory has received reagent and resumed testing of all stored samples.

NEW TEST

Beckwith-Wiedemann Syndrome Analysis
Order Code: BWSM
CPT Code: 81401
Fee Code: DA136

The MLabs MMGL Molecular Genetics Laboratory began offering Beckwith-Wiedemann Syndrome Analysis effective January 4, 2018.

Test Usage: This test is used to determine the methylation status and to detect copy number changes within IC1 and IC2 on chromosome 11p15 in patients with a phenotype consistent with Beckwith-Wiedemann syndrome (BWS, OMIM:130650). Alteration in DNA methylation status within 11p15 IC1 and
IC2 are associated with Beckwith-Wiedemann syndrome (BWS). Approximately 50% of patients with BWS have a loss of methylation on the maternal chromosome (hypomethylation) at IC2 and ~5% have a gain of methylation on the maternal chromosome (hypermethylation) at IC1.

Collection Instructions: Collect 5 mL EDTA whole blood in a lavender top tube. There is a 1 mL whole blood minimum for this test. Send intact specimen within 24 hours if stored at room temperature or within 5 days if stored refrigerated. Include the patient's family history, pedigree, and ethnicity on the test requisition. Obtaining informed consent from the patient prior to genetic testing is strongly recommended. If desired, a UMHS Request and Consent for Genetic Testing form can be obtained from the MMGL Molecular Genetics Laboratory by contacting the MLabs Client Services Center at 800-862-7284 or online at http://mlabs.umich.edu/files/pdfs/PCI-MMGL_InformedConsent.pdf.

EFFECTIVE DATE: January 4, 2018

NEW TEST

Russell-Silver Syndrome Analysis  
Order Code: RSSP  
CPT Code: 81401, 81402  
Fee Code: DA137, DA138

The MLabs MMGL Molecular Genetics Laboratory began offering Russell-Silver Syndrome Analysis effective January 4, 2018

Test Usage: This test is used to determine the methylation status and to detect copy number changes within IC1 and IC2 on chromosome 11p15, 7p12.1 within the GRB10 gene, and 7q32.2 within the MEST gene. Alteration in DNA methylation status within IC1, and maternal uniparental disomy 7 (matUPD7) are associated with Russell-Silver syndrome (RSS). Approximately 35-50% of patients with RSS have a loss of methylation on the paternal chromosome (hypomethylation) at IC1 and ~7-10% have maternal uniparental disomy 7 (matUPD7).

Collection Instructions: Collect 5 mL EDTA whole blood in a lavender top tube. There is a 1 mL whole blood minimum for this test. Send intact specimen within 24 hours if stored at room temperature or within 5 days if stored refrigerated. Include the patient's family history, pedigree, and ethnicity on the test requisition. Obtaining informed consent from the patient prior to genetic testing is strongly recommended. If desired, a UMHS Request and Consent for Genetic Testing form can be obtained from the MMGL Molecular Genetics Laboratory by contacting the MLabs Client Services Center at 800-862-7284 or online at http://mlabs.umich.edu/files/pdfs/PCI-MMGL_InformedConsent.pdf.

EFFECTIVE DATE: January 16, 2018

REPORTING CHANGE DELAY

Please note that the implementation of reporting of the Anion Gap with panels containing electrolyte components (see MLabs Test Update 630) has been delayed until January 16, 2018.
EFFECTIVE DATE: February 1, 2018

RENIN ASSAY DUAL REPORTING DISCONTINUED

Renin, Plasma Mass
Order Code: DPR
CPT Code: 84244
Fee Code: 23310

The MLabs Chemical Pathology Laboratory began testing Plasma Renin by a direct mass measurement methodology February 7, 2017 (order code DPR), with dual reporting of Renin Activity sent to Mayo Medical Laboratories (order code MPRA) (see MLabs Test Update 607).

Effective February 1, 2018, the Mayo sendout test will be discontinued and only the Plasma Mass assay will be offered.

EFFECTIVE DATE: February 6, 2018

NEW TESTS

Troponin T, High Sensitive
Order Code: HTRPT
CPT Code: 84484
Fee Code: 23368

Troponin T, High Sensitive, Rule Out Acute Coronary Syndrome (ACS)
Order Code: RTNT
CPT Code: 84484 x2
Fee Code: 23368 x2

Beginning February 6, 2018, the MLabs Chemical Pathology Laboratory will begin offering High Sensitive Troponin T (HTRPT). Additionally, a series test to rule out Acute Coronary Syndrome (RTNT) will be offered containing zero hour and two-hour troponin T draws. The current troponin assay, Troponin I (TROP), will remain available for a yet to be determined time frame due to the educational component associated with high sensitive troponin T and research being done using troponin I.

Please note the current troponin I test is reported in ng/mL while the new high sensitive troponin T test will be reported in pg/mL.

Collection Instructions: Collect specimen in a green top tube. Centrifuge, aliquot plasma into a plastic vial and refrigerate.