NOTICE DATE: April 5, 2019

EFFECTIVE DATE: Immediately

REFERENCE LABORATORY CHANGE

Old

Catecholamines, Urine
Order Code: WCATU
CPT Code: 82384
Fee Code: 20412
Reference Laboratory: Warde

New

Catecholamines, Urine
Order Code: CATU
CPT Code: 82384
Fee Code: 20412
Reference Laboratory: Mayo Medical Lab

Effective immediately, MLabs will be changing the reference lab for Catecholamines, Urine from Warde Medical to Mayo Medical Laboratories. The test will be set up Mon-Sat and the turnaround time is 3-6 days.

Collection Instructions: Please collect 24 hour urine and add 25 mL of 50% acetic acid as a preventative at the start of collection. Use 15 mL of 50% acetic acid for children less than 5 years old. This preservative is intended to achieve a pH between 2 and 4.

EFFECTIVE DATE: Immediately

TEST OBSOLETE

Isoniazid, Serum
Order Code: MMLR
CPT Code: 80299
Reference Laboratory: Mayo Medical Laboratory (NMS 2440SP)

Effective immediately, the Isoniazid, Serum test will be obsolete. Mayo Medical Laboratories has made this test obsolete due to stability constraints and recommends Isoniazid, (INH) as an alternative.

New Alternate Test

Isoniazid, (INH)
Order Code: MMLR
CPT Code: 80375
Reference Laboratory: Mayo Medical Laboratory (MedTox Referred)
Collection Instructions: Collect approximately 5 mL of whole blood in a red top tube (SST is not acceptable). Centrifuge and aliquot 2 mL serum into a plastic vial and ship refrigerated (preferred) within 14 days of collection or within 72 hours ambient or within 180 days frozen.

Methodology: High-Performance Liquid Chromatography with Ultraviolet Detection (HPLC-UV)

Reference Value: ug/mL

Analytic Time: 5 days, Set up: Mon - Sat

**EFFECTIVE DATE:** Immediately

**NEW TEST**

**Thyroid Dysfunction Screen**

Order Code: TDA
CPT Code: 84443
Fee Code: 32022

Effective April 23, 2019 MLabs will offer a new Thyroid Dysfunction Screen. The Thyroid Dysfunction Screen follows the following algorithm:

Collection Instructions: Collect approximately 2 mL of whole blood in a red top or SST tube. Centrifuge and aliquot the serum into a plastic vial and ship refrigerated within 48 hours of collection or frozen for longer storage.

Methodology: Chemiluminescent Immunoassay

Analytic Time: 24 hours, Set up: Daily
ATTN: IMPORTANT TEST INFORMATION

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MLABS – DEPARTMENT OF PATHOLOGY

Thyroid Dysfunction Screen (TDA)
Orders TSH

TSH result <0.30
Reflex order FT4

TSH result ≥0.30 & ≤5.00
No further testing

TSH result >5.00
Reflex order FT4

FT4 result <1.76

EFFECTIVE DATE: Immediately

REFERENCE LABORATORY CHANGE

Thiopurine Methyltransferase (TPMT), RBC Enzyme Activity
Order Code: TPMTE
CPT Code: 82657
Fee Code: 36155

Effective April 2, 2019, MLabs will discontinue offering Thiopurine Methyltransferase (TPMT), RBC Enzyme Activity sent to Mayo Clinic Laboratories (MCL). Requests for this test will be sent to Prometheus Labs (order code TPMTE).

This change is at the recommendation of the Michigan Medicine Laboratory Formulary Committee and Immunosuppression Monitoring Working Group. TPMT enzyme activity should be assessed before prescribing thiopurine medications, such as azathioprine and mercaptopurine, in order to identify patients who are at increased risk for therapy-related myelosuppression with standard dosing. The MCL assay measures three thiopurine methyl metabolites (6-methyl-mercaptopurine (6-MMP), 6-methyl-thioguanine riboside and 6-methyl-mercaptopurine riboside) using LC-MS/MS, while the Prometheus assay determines TPMT enzyme activity by measuring 6-methyl-thioguanine (6-MTG) by HPLC. According to a
published study that compared the utilities of 6-MMP and 6-MTG measurements to predict TPMT activity, TPMT activities determined by 6-MMP and 6-MTG measurements were in agreement with each other (Mei S, et.al. Biomedical Chromatography. 2017; 31;e3959. https://doi.org/10.1002/bmc.3959).

EFFECTIVE DATE: April 15, 2019

TEST CHANGE

Mitochondrial Antibody
Order Code: MITO
CPT Code: 86256
Fee Code: 21928

Smooth Muscle Antibody
Order Code: SM
CPT Code: 86256
Fee Code: 21928

Parietal Cell Antibody
Order Code: SM
CPT Code: 86256
Fee Code: 21933

Liver Kidney Microsomal Antibody
Order Code: LKM
CPT Code: 86376
Fee Code: 30982

Effective the week of April 15, 2019, MLabs will be adding an additional day of testing for Mitochondrial Antibody (MITO), Smooth Muscle Antibody (SM), Parietal Cell Antibody (PAC), and Liver Kidney Microsomal Antibody (LKM). The tests will now be set up on Tuesday and Friday.

EFFECTIVE DATE: April 15, 2019

TEST CHANGE

Endomysial Antibody, IgA
Order Code: EMA
CPT Code: 86255, Reflex 86256
Fee Code: 21947

Effective the week of April 15, 2019, MLabs will be moving the testing day for Endomysial Antibody, IgA (EMA) from Friday to Wednesday.

EFFECTIVE DATE: April 23, 2019
Effective April 23, 2019 MLabs will offer a new algorithm for Antinuclear Antibody Screen by Multiplexed Immunoassay testing. The new algorithm for adults and pediatrics as follows (see below):

**Adult**

- ANAS Order (NAB performed)
  - Negative NAB (No Further Testing)
  - Positive NAB
    - NAB Titer & Pattern
    - ANA (Multiplex Bead Assay)
    - ADNA (ds-DNA)
      - Negative ANA (No Further Testing)
      - Positive ANA
        - ENA10

**Pediatrics**