MLABS – DEPARTMENT OF PATHOLOGY
ATTN: IMPORTANT TEST INFORMATION
TEST UPDATE 613

NOTICE DATE: April 5, 2017

EFFECTIVE DATE: March 23, 2017

REFERENCE LABORATORY CHANGE

Bupropion and Hydroxybupropion, Serum
Order Code: FBUP
Fee Code: AA203
Reference Laboratory: Mayo FBUHB (57395) (MedTox 178)

New Order Code: FBUPS
New Reference Lab: Mayo FBUPS (NMS 0803SP)

Effective March 23, 2017, requests for Bupropion, Serum, are sent to NMS Labs.

Collection Instructions: Collect specimen in a red top tube; do not use SST tube. Centrifuge, aliquot serum into a plastic vial and freeze. Heparinized (green top) plasma is also acceptable.

EFFECTIVE DATE: April 7, 2017

TEST DOWN

G-6-PD, Qualitative Screen
Order Code: G6PD
Fee Code: 22507

MLabs G-6-PD Qualitative Screen will be down effective April 7, 2017, due to lack of reagent availability. Requests for this test will be forwarded to Mayo Medical Laboratories G-6-PD, Quantitative assay (order code G6PDQ) until further notice.

EFFECTIVE DATE: April 25, 2017

SPECIMEN REQUIREMENT CHANGE

Alpha Fetoprotein, Serum, Maternal
Order Code: MAFP
Fee Code: 32050
Reference Laboratory: Warde MSAFP

Quad Test Profile
Order Code: WQUAD
Fee Code: AA003
Reference Laboratory: Warde QUAD

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Please note that effective April 25, 2017, there will be a change to the specimen collection and handling requirements for the Maternal Serum AFP and Quad Screen tests sent to Warde Medical Laboratory. SST tubes will no longer be accepted and specimens should be centrifuged and aliquotted within 2 hours of collection.

Collection Instructions: Collect specimen in a red top tube from a patient with a maternal gestation of between 15 weeks 0 days and 22 weeks 6 days; do not use SST tube. Centrifuge, aliquot serum into a plastic vial within 2 hours of collection and freeze within 48 hours. Please provide a completed QUAD/AFP Requisition available online at http://mlabs.umich.edu/files/pdfs/REQ-QUAD_refr.pdf or the following information: gestational age (weeks and days on first ultrasound date >6 weeks 0 days; if ultrasound information is not available record first days of last menstrual period), maternal weight, maternal date of birth, insulin-dependent diabetes status prior to pregnancy, smoking status, multiple gestation (single, twin, triplets), race, and previous history of Down syndrome or neural tube defect (NTD) pregnancy for the patient.

Also note there will be a change to Warde Medical Laboratory's formatting of prenatal test reports. Warde will now provide the adjusted MoMs that accompany the reported risk. The only notable change for clinicians will be seen in twin pregnancies. Adjusted MoMs will still take into account the twin gestation, but will reflect a "single pregnancy event." The correction factor will be applied, and MoMs for twin pregnancies will no longer appear "doubled". Therefore, the cut-off for increased risk of neural tube defects will be an alpha fetoprotein (AFP) MoM 2.2 or greater for all pregnancies (no separate cut-off for twins, again reflecting a "single pregnancy event"). It remains that the risk in twins cannot be precisely estimated because the relative contribution of each twin to serum marker levels cannot be determined. Again, this amounts to a formatting adjustment, affecting only MoM values in the body of the report, and does not affect the reported risk assessment.

EFFECTIVE DATE: May 2, 2017

SPECIMEN REQUIREMENT CHANGE

Human Epididymis Protein 4 (HE4)
Order Code: HE4
Fee Code: 37966
Reference Laboratory: Mayo HE4 (62137)

Effective May 2, 2017, the preferred specimen storage temperature for Mayo Medical Laboratories Human Epididymis Protein 4 (HE4) will change from refrigerated to frozen.

Collection Instructions: Specimens should not be collected from patients receiving therapy with high biotin doses (i.e., >5 mg/day) until at least 8 hours following the last biotin administration. Collect specimen in a red top tube. Centrifuge, aliquot serum into a plastic vial and freeze. Specimen may be stored refrigerated up to 48 hours.