Quarterly HOTLINE: Effective February 20, 2018

New Test 3000144 Maternal Serum Screen, Alpha Fetoprotein MS AFP

Patient History For Maternal Serum Testing

Supplemental Resources

Methodology: Quantitative Chemiluminescent Immunoassay

Performed: Sun-Sat

Reported: 2-3 days

Specimen Required:
- Patient Prep: Specimen must be drawn between 14 weeks, 0 days and 24 weeks, 6 days gestation.
- Collect: Serum Separator Tube (SST) or Plain Red.
- Specimen Preparation: Separate from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP Standard Transport Tube. (Min: 0.5 mL)
- Storage/Transport Temperature: Refrigerated.

Remarks: Submit with Order: Patient's date of birth, current weight, due date, dating method (US, LMP), number of fetuses present, patient's race, if the patient was diabetic at the time of conception, if there is a known family history of neural tube defects, if the patient is currently smoking, if the patient is taking valproic acid or carbamazepine (Tegretol), and if this is a repeat sample.


Stability (collection to initiation of testing): After separation from cells: Ambient: 72 hours; Refrigerated: 2 weeks; Frozen: 1 year (Avoid repeated freeze/thaw cycles.)

Reference Interval: By report

Interpretive Data: Refer to report.

Note: This test is used to screen for fetal risk of Open Neural Tube Defect (i.e., spina bifida).

CPT Code(s): 82105

New York DOH Approved.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.