MAYO CLINIC
Mayo Medical Laboratories

METHOD CHANGE/REFERENCE VALUE CHANGE

NOTIFICATION DATE: December 23, 2013
EFFECTIVE DATE: January 23, 2014

FETOMATERNAL BLEED, NEW YORK
Test ID: FMBNY

EXPLANATION: Effective January 23, 2014, MML's fetomaternal bleed testing will move from the BD FACSCalibur™ flow cytometer to Beckman Coulter's Gallios™ flow cytometer. As part of this change, the methodology will move from an internally-developed protocol to an FDA-approved kit from Life Technologies (Invitrogen Fetal Hemoglobin kit) and will incorporate a new reference value. Due to changes in the test methodology, we will continue to report out a RhIg dose and volume of fetal maternal bleed but will no longer report out the red blood cell (RBC) Rh antigen status. As previously advised, local RBC Rh antigen typing of the mother and neonates will determine if the reported RhIg dose is necessary. No other changes will be made.

CURRENT METHODOLOGY: Hemoglobin F: Fetal Cell Detection by Flow Cytometry
RhD: Standard AABB

NEW METHODOLOGY: Hemoglobin F: Fetal Cell Detection by Flow Cytometry

CPT CODE: 88184-Flow cytometry; cell surface cytoplasmic

ANALYTIC TIME: Same day/1 day

DAYS SET UP: Monday through Sunday; Varies

CURRENT REFERENCE VALUE: < or =0.75 mL of fetal RBCs in normal adults

NEW REFERENCE VALUE: < or =1.5 mL of fetal RBCs in normal adults

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Richard R. Einerson, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710