NEW TEST – Available Now

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Alpha Globin (HBA1 and HBA2) Sequencing and Deletion/Duplication, Fetal

3019566, HBA FGA FE

Specimen Requirements:	
Patient Preparation:	
Collect:	Fetal Specimen: Two T-25 flasks at 90% confluent of cultured amniocytes or cultured chorionic villus sampling (CVS). AND Maternal Whole Blood Specimen: Lavender (EDTA), pink (K2EDTA), or yellow (ACD solution A or B).
Specimen Preparation:	Cultured Amniocytes or Cultured CVS: Fill flasks with culture media. Transport two T-25 flasks at 90 percent confluent of cultured amniocytes or cultured CVS filled with culture media. Backup cultures must be retained at the client's insitution until testing is complete. If ARUP receives a sample below the minimum confluence, Cytogenetics Grow and Send (0040182) will be added on by ARUP, and additional charges will apply. If clients are unable to culture specimens, Cytogenetics Grow and Send should be added to initial order. Maternal Whole Blood Specimen: Transport 3 mL whole blood. (Min: 1 mL).
Transport Temperature:	Cultured Amniocytes or Culture CVS: CRITICAL ROOM TEMPERATURE. Separate specimens must be submitted when mulitple tests are ordered. Must be received within 48 hours of shipment due to viability of cells. Maternal Specimen: Refrigerated
Unacceptable Conditions:	Frozen specimens
Remarks:	
Stability:	Cultured Amniocytes or Cultured CVS: Room temperature: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable Maternal Whole Blood Specimen: Room temperature: 7 days; Refrigerated: 1 month; Frozen: Unacceptable
Methodology:	Qualitative Multiplex Ligation-Dependent Probe Amplification (MLPA)/Qualitative Sequencing
Performed:	Varies
Reported:	14-21 days
Note:	Reported times are based on receiving the two T-25 flasks at 90 percent confluent. Cell culture time is independent of

	testing turnaround time. Maternal specimen is recommended for proper test interpretation. Order Maternal Cell Contamination.
CPT Codes:	81259; 81269; 81265
New York DOH Approval Status:	This test is New York DOH approved.
Interpretive Data:	
Refer to report	
Reference Interval:	
By report	

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