

HOTLINE: Effective September 7, 2021

3003656 **Alpha Thalassemia (*HBA1* and *HBA2*) Deletion/Duplication with reflex to Hb** **HBA DDCSFE**
Constant Spring, Fetal

Specimen Required: Collect: **Cultured amniocytes or Cultured CVS**

AND Maternal Whole Blood Specimen: Lavender (EDTA), Pink (K₂EDTA), or Yellow (ACD Solution A or B).

Specimen Preparation: Cultured Amniocytes or Cultured CVS: Transfer cultured amniocytes or cultured CVS to two T-25 flasks at 80 percent confluence. (Min: one T-25 flask at 80% confluence). Backup cultures must be retained at the client's institution until testing is complete. **If the client is unable to culture amniocytes or CVS, this can be arranged by contacting ARUP Client Services at (800) 522-2787. Please contact an ARUP genetic counselor at (800) 242-2787 ext. 2141 prior to test submission.**

Maternal Whole Blood Specimen: Transport 2 mL whole blood. (Min: 1 mL)

Storage/Transport Temperature: Cultured Amniocytes or CVS: CRITICAL ROOM TEMPERATURE. Must be received within 48 hours of collection due to viability of cells.

Maternal Whole Blood Specimen: Room temperature.

Remarks: Please contact an ARUP genetic counselor at 800-242-2787 x2141 prior to sample submission. Patient History Form is available on the ARUP Web site or by contacting ARUP Client Services at (800) 522-2787.

Stability (collection to initiation of testing): 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