
3004550**Beta Globin (*HBB*) Sequencing, Fetal****BG NGS FE**

Specimen Required: Collect: **Fetal specimen:** Two (2) T-25 flasks at 80% 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 (2) T-25 flasks at 80 percent confluent of cultured amniocytes or cultured CVS filled with culture media. Backup cultures must be retained at the client's institution until testing is complete. If the client is unable to culture amniocytes, this can be arranged by contacting ARUP Client Services at (800) 522-2787 ext. 2141 prior to test submission.

Maternal Whole Blood Specimen: Transport 3 mL whole blood. (Min: 2 mL).

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

Maternal Specimen: Room temperature

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