

0051265

Achondroplasia (*FGFR3*) 2 Mutations, Fetal

AD PCR FE

**Performed:** Varies  
**Reported:** 2-7 days

**Specimen Required:** Collect: **Fetal specimen: Cultured amniocytes:** Two T-25 flasks at 80 percent confluency.

**OR cultured CVS:** Two T-25 flasks at 80 percent confluency.

**If the client is unable to culture amniocytes or CVS, this can be arranged by contacting ARUP Client Services at (800) 522-2787.**

**AND maternal cell contamination specimen:** Lavender (EDTA), pink (K<sub>2</sub>EDTA), or yellow (ACD Solution A or B).

Specimen Preparation: **Cultured amniocytes AND cultured CVS:** Transport two T-25 flasks at 80 percent confluency filled with culture media. Backup cultures must be retained at the client's institution until testing is complete.

**Maternal cell contamination specimen:** Transport 3 mL whole blood. (Min: 1 mL)

Storage/Transport Temperature: **Cultured amniocytes and cultured CVS: CRITICAL ROOM TEMPERATURE.** Must be received within 48 hours of shipment due to lability of cells.

**Maternal cell contamination specimen: Refrigerated.**

Remarks: **Maternal specimen is recommended for proper test interpretation. Order Maternal Cell Contamination, Maternal Specimen. 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.**

Unacceptable Conditions: Frozen specimens in glass collection tubes.

Stability (collection to initiation of testing): **Cultured amniocytes and cultured CVS: Room Temperature:** 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable

**Maternal cell contamination specimen: Room Temperature:** 72 hours; Refrigerated: 1 week; Frozen: 1 month