

HOTLINE: Effective May 17, 2021

2013662

Cystic Fibrosis (*CFTR*) 165 Pathogenic Variants, Fetal

CF VAR FE

**Specimen Required:** Collect: **Fetal Specimen:** Two T-25 flasks of cultured amniocytes at 80 percent confluency. **\*If the client is unable to culture amniocytes, this can be arranged by contacting ARUP Client Services at (800) 522-2787.**

**Maternal Specimen:** Lavender (EDTA), Pink (K<sub>2</sub>EDTA), or Yellow (ACD Solution).

**Specimen Preparation:** **Cultured Amniocytes:** Fill flasks with culture media. Backup cultures must be retained at the client's institution until testing is complete.

**Maternal Specimen:** Transport 3 mL whole blood. (Min. 1 mL)

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

**Maternal Specimen:** Refrigerated.

**Remarks:** **Maternal sample is recommended for proper test interpretation; order Maternal Cell Contamination, Maternal Specimen.** Patient History Form is available on the ARUP Web site or by contacting ARUP Client Services.

**Unacceptable Conditions:** **Maternal Specimen:** Plasma or serum. Specimens collected in sodium heparin or lithium heparin tubes.

**Frozen specimens in glass collection tubes.**

**Stability (collection to initiation of testing):** **Fetal Specimen:** Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable

**Maternal Specimen:** Ambient: 72 hours; Refrigerated: 1 week; Frozen: 1 month