

3002002

RhC/c (RHCE) Antigen Genotyping

RHC GENO

**Specimen Required:** Collect: Fetal genotyping: Amniotic fluid.

**OR Cultured amniocytes:** Two T-25 flasks at 80 percent confluency.

**If the client is unable to culture, order test Cytogenetics Grow and Send (ARUP test code 0040182) in addition to this test and ARUP will culture upon receipt (culturing fees will apply). If you have any questions, contact ARUP's Genetics Processing at 800-522-2787 ext. 3301.**

**WITH maternal cell contamination specimen** (see Note): Lavender (K<sub>2</sub>EDTA), Pink (K<sub>2</sub>EDTA), or Yellow (ACD Solution A or B).

**Parental genotyping:** Lavender (K<sub>2</sub>EDTA), Pink (K<sub>2</sub>EDTA)

Specimen Preparation: **Amniotic fluid:** Transport 10 mL amniotic fluid in a sterile container. (Min: 5 mL).

**Cultured amniocytes:** 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)

**Whole blood (parental genotyping):** 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.

**Whole blood or maternal cell contamination specimen:** Refrigerated.

Remarks: Patient History Form is available on the ARUP website or by contacting ARUP Client Services.

Unacceptable Conditions: Plasma or serum. Specimens collected in sodium heparin tubes.

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

**Whole blood or maternal cell contamination specimen:** Ambient: 72 hours; Refrigerated: 1 week; Frozen: 1 month

**Interpretive Data:**

Refer to Report.