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**3001170 Platelet Antigen 1 Genotyping (HPA-1)****HPA-1 GENO**

**Specimen Required:** Collect: **Fetal Specimen:** Amniotic fluid OR cultured amniocytes. If the client is unable to culture amniocytes, this can be arranged by contacting ARUP Client Services at (800) 522-2787.

**WITH Maternal Cell Contamination Specimen** (see Note); Lavender (EDTA), Pink (K<sub>2</sub>EDTA), or Yellow (ACD Solution A or B).  
**Parental Specimen:** Lavender (EDTA).

Specimen Preparation: **Amniotic Fluid:** Transport 10 mL unspun fluid. (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: **Amniotic Fluid:** Room temperature.

**Cultured Amniocytes:** **CRITICAL ROOM TEMPERATURE.** Must be received within 48 hours of shipment due to liability of cells.

**Whole Blood or Maternal Cell Contamination Specimen:** Refrigerated.

Unacceptable Conditions: **Frozen specimens in glass collection tubes.**

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

**Whole Blood or Maternal Cell Contamination Specimen:** Ambient: 72 hours; Refrigerated: 1 week; Frozen: **1 month**