

HOTLINE: Effective September 7, 2021

3001170	Platelet Antigen 1 Genotyping (HPA-1)	HPA-1 GENO
<b>Performed:</b>	Varies	
<b>Reported:</b>	7-14 days	
<b>Specimen Required:</b>		
<u>Collect:</u>		
<b>Fetal specimen: Cultured amniocytes: Two T-25 flasks at 80 percent confluency.</b>		
<b>If the client is unable to culture amniocytes, this can be arranged by contacting ARUP Client Services at (800) 522-2787.</b>		
<b>WITH maternal cell contamination specimen</b> (see Note): Lavender (EDTA), Pink (K <sub>2</sub> EDTA), or Yellow (ACD Solution A or B).		
<b>Parental specimen:</b> Lavender (EDTA).		
<u>Specimen Preparation:</u> <b>Cultured amniocytes:</b> 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.		
<b>Maternal cell contamination specimen:</b> Transport 3 mL whole blood. (Min: 1 mL)		
<b>Whole blood (parental genotyping):</b> Transport 3 mL whole blood. (Min: 1 mL)		
<u>Storage/Transport Temperature:</u> <b>Cultured amniocytes: CRITICAL ROOM TEMPERATURE.</b> Must be received within 48 hours of shipment due to lability of cells.		
<b>Whole blood or maternal cell contamination specimen:</b> Refrigerated.		
<u>Unacceptable Conditions:</u> Frozen specimens in glass collection tubes.		
<u>Stability (collection to initiation of testing):</u> <b>Fetal specimen:</b> Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable		
<b>Whole blood or maternal cell contamination specimen:</b> Ambient: 72 hours; Refrigerated: 1 week; Frozen: 1 month		