

3000193 Platelet Antigen Genotyping Panel

HPA GENO

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

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: Lavender (EDTA), Pink (K₂EDTA), or Yellow (ACD Solution A or B).

Parental genotyping: Lavender (EDTA).

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

OR 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, 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.

Unacceptable Conditions: Frozen specimens in glass collection tubes.

Stability (collection to initiation of testing): Fetal specimens Amniotic fluid or cultured amniocytes: 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

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

Counseling and informed consent are recommended for genetic testing. Consent forms are available online.

PA 1-6, 15 Polymorphism

HPA System	"a" Allele Common	"b" Allele Variant
HPA 1	T	C
HPA 2	C	T
HPA 3	T	G
HPA 4	G	A
HPA 5	G	A
HPA 6	G	A
HPA 15	C	A