

NEW TEST

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Huntington Disease (HD) CAG Repeat Expansion, Fetal

3019937, HD PCR FE

Specimen Requirements:

Patient Preparation:

Collect: Amniotic fluid OR cultured amniocytes OR cultured CVS: Two T-25 flasks at 80 percent confluency. AND maternal whole blood: lavender (K2 or K3EDTA), pink (K2EDTA), yellow (ACD solution A or B). 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.

Specimen Preparation: Amniotic fluid: Transport 10 mL amniotic fluid in a sterile container (min: 5 mL) OR cultured amniocytes OR cultured CVS: Fill flasks with culture media. Backup cultures must be retained at the client's institution until testing is complete. AND maternal whole blood: 2 mL whole blood (min: 1 mL).

Transport Temperature: Amniotic fluid, cultured amniocytes, or cultured CVS: CRITICAL ROOM TEMPERATURE. Must be received within 48 hours of shipment due to lability of cells. Maternal whole blood: Room temperature.

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

Remarks:

Stability: Fetal Specimen: Ambient 48 hours; Refrigerated: unacceptable; Frozen: Unacceptable Maternal whole blood: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable

Methodology: Polymerase Chain Reaction (PCR) / Capillary Electrophoresis / Fragment Analysis

Performed: Varies

Reported: 7-10 days

Note:

CPT Codes: 81271; 81265 Fetal Cell Contamination (FCC)

New York DOH Approval Status: Specimens from New York clients will be sent out to a New

York DOH approved laboratory, if possible.

Interpretive Data:

Refer to report.

Reference Interval:

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.