

HOTLINE: Effective August 15, 2022

3002096 Tuberos Sclerosis Complex Panel, Sequencing and Deletion/Duplication, Fetal TSC NGS FE

Performed: Varies

Reported: 2-3 weeks; if culture is required an additional 1 to 2 weeks is required for processing time

Specimen Required: Collect: **Fetal Specimen:** Four (4) T-25 flasks at 80% confluent of cultured amniocytes or cultured chorionic villus sampling (CVS). **AND Maternal Whole Blood Specimen:** Lavender (EDTA), pink (KEDTA), or yellow (ACD Solution A or B).
Specimen Preparation: **Cultured Amniocytes or Cultured CVS:** Fill flasks with culture media. Transport four (4) T-25 flasks at 80 percent confluent of cultured amniocytes or cultured CVS filled with culture media. Backup cultures must be retained at the client's institution until testing is complete. **If the client is unable to culture amniocytes, this can be arranged by contacting ARUP Client Services at (800) 522-2787 prior to test submission.**
Maternal Whole Blood Specimen: Transport 3 mL whole blood (Min: 2 mL)
Storage/Transport Temperature: **Cultured Amniocytes or Cultured CVS: CRITICAL ROOM TEMPERATURE.** Must be received within 48 hours of shipment due to viability of cells.
Maternal Specimen: Room temperature.
Stability (collection to initiation of testing): **Cultured Amniocytes or Cultured CVS:** Ambient: 48 hours; Refrigerated: Unacceptable; Frozen: Unacceptable
Maternal Cell Contamination Specimen: Room temperature: 7 days; Refrigerated: 1 month; Frozen: Unacceptable

Interpretive Data:

Refer to report.

Note: Genes tested: *TSC1, TSC2*

Reported times are based on receiving the four (4) T-25 flasks at 80 percent confluent. Cell culture time is independent of testing turn-around time. Maternal specimen is recommended for proper test interpretation. Order Maternal Cell Contamination.

CPT Code(s): 81405; 81406; 81407; 81265