

TEST CHANGE

Maternal T Cell Engraftment in SCID, Maternal Specimen

2014704, SCID-MAT

Specimen Requirements:

Patient Preparation:

Collect: Lavender (EDTA), pink (K2EDTA), or yellow (ACD solution A).

Specimen Preparation: Transport 2 mL whole blood. (Min: 1 mL)

Transport Temperature: Preferred transport temp: Refrigerated. Also acceptable: Room temperatureAmbient.

Unacceptable Conditions: Frozen, clotted, or hemolyzed specimens.

Remarks:

Stability: Room Temperature: 1 week; Refrigerated: 1 month; Frozen: unacceptable

Methodology: Polymerase Chain Reaction (PCR) / Fragment Analysis

Note: To complete Maternal T Cell Engraftment in SCID testing, samples should be collected to perform the following three tests: (1) A buccal brush collected from the patient for Maternal T Cell Engraftment in SCID, Pre-Engraftment Specimen (ARUP test code 2014694), used as a genetic baseline for the patient. (2) A peripheral blood sample from the biological mother for Maternal T Cell Engraftment in SCID, Maternal Specimen (ARUP test code 2014704), used as a genetic baseline for the mother. (3) A peripheral blood sample collected from the patient for Maternal T Cell Engraftment in SCID (ARUP test code 2014699). T cells isolated from the blood sample will be genotyped for comparison to the patient and biological mother baseline genotypes. ~~If T-cell sorting is not completed on the blood sample before submission of Maternal T Cell Engraftment in SCID (ARUP test code 2014699), BMT Cell Isolation (ARUP test code 2005498) will be added to each order of Maternal T Cell Engraftment in SCID (ARUP test code 2014699). Additional charges apply for cell isolation.~~

CPT Codes: See CPT code for Maternal T Cell Engraftment in SCID, Pre-Engraftment Specimen (ARUP test code 2014694)

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:



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and its Department of Pathology*

Effective Date: July 20, 2026