

TEST CHANGE

Maternal T Cell Engraftment in SCID, Pre-Engraftment Specimen

2014694, SCID-PRE

Specimen Requirements:

Patient Preparation:

Collect: Buccal brush

Specimen Preparation: Collect 3-4 brush samples from patient and place in dry, sterile container for transport.

[New York State Clients: 4-8 brush samples.](#)

Transport Temperature: Ambient. Also acceptable: Refrigerated

Unacceptable Conditions:

Remarks:

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

[New York State Clients: Room Temperature: 7 days;](#)

[Refrigerated: 14 days; 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 20146990). Additional charges apply for cell isolation.

CPT Codes: 81265

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:

