

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** Unknown  
**Gender:** Unknown  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Maternal T Cell Engraftment in SCID**

ARUP test code 2014699

Specimen, Maternal Engraftment whole Blood

Mat Engraftment, Informative Loci 4

Maternal Engraftment, Interpretation Type Maternal

Maternally derived CD3 positive T cells only.

The CD3+ cell content of the isolated fraction typically ranges from 92 - 99%.

This result has been reviewed and approved by [REDACTED]

INTERPRETIVE INFORMATION: Maternal T Cell Engraftment in SCID

INDICATION: Severe combined immunodeficiency (SCID) patients lack T cells and cannot recognize and reject maternal T cells from maternal-fetal transfusion. Maternal T cell can proliferate in the absence of host T cells, leading to difficulty in determining the host T cell numbers required for the diagnosis of SCID and/or can cause graft-versus-host disease-line (GVHD) presentation.

METHODOLOGY: PCR followed by capillary electrophoresis. Specimens are analyzed using 15 autosomal markers (D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vwa, TPOX, D18S51, D5S818, and FGA) and one gender marker (amelogenin).

KIT USED: AmpFLSTR Identifiler PCR Amplification Kit, Applied Biosystems.

LIMIT OF DETECTION: 2 percent of minor cell population.

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

**H=High, L=Low, \*=Abnormal, C=Critical**

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Specimen, Maternal Engraftment	21-144-118992	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Mat Engraftment, Informative Loci	21-144-118992	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Maternal Engraftment, Interpretation	21-144-118992	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, \*=Abnormal, C=Critical