

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 12/29/2013
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Alpha/Beta Double-Negative T-Cells for Autoimmune Lymphoproliferative Syndrome

ARUP test code 2014513

Absolute alpha/beta TCR+ DNT **49 cells/uL H** (Ref Interval: 0-46)

Absolute alpha/beta TCR+ DNT B220+ **8 cells/uL H** (Ref Interval: 0-5)

% alpha/beta TCR+ DNT **4 % H** (Ref Interval: 0-3)

% alpha/beta TCR+ DNT B220+ **0.6 % H** (Ref Interval: 0.0-0.3)

INTERPRETIVE INFORMATION: Alpha Beta Double-Negative Tcells
ALPS
Reported percentages reflect percentage of CD3 positive lymphocytes. The hallmark for a diagnosis of Autoimmune Lymphoproliferative Syndrome (ALPS) is an increased concentration of CD3+ T-cells negative for CD4 and CD8 (double-negative T-cells [DNT]) and positive for the alpha/beta T-cell receptor (TCR). B220 expression on alpha/beta TCR+DNT cells is a sensitive and specific marker for ALPS and is associated with mutations in the FAS gene.

Abnormal results should be correlated with clinical history and confirmed by additional testing for defective in vitro lymphocyte apoptosis and for mutations in the FAS gene.

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
Absolute alpha/beta TCR+ DNT	23-101-116554	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Absolute alpha/beta TCR+ DNT B220+	23-101-116554	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% alpha/beta TCR+ DNT	23-101-116554	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
% alpha/beta TCR+ DNT B220+	23-101-116554	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

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 23-101-116554
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 2 | Printed: 5/25/2023 10:25:58 AM
4848