

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 10/12/2015  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

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

ARUP test code 2014513

Absolute alpha/beta TCR+ DNT	15 cells/uL	(Ref Interval: 0-46)
Absolute alpha/beta TCR+ DNT B220+	4 cells/uL	(Ref Interval: 0-5)
% alpha/beta TCR+ DNT	1 %	(Ref Interval: 0-3)
% alpha/beta TCR+ DNT B220+	0.2 %	(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.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: aruplab.com/CS

**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  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 19-113-119945  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 1 of 2 | Printed: 12/7/2020 1:13:26 PM  
4848

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Absolute alpha/beta TCR+ DNT	19-113-119945	4/23/2019 10:10:00 AM	4/24/2019 6:46:15 AM	4/24/2019 1:15:00 PM
Absolute alpha/beta TCR+ DNT B220+	19-113-119945	4/23/2019 10:10:00 AM	4/24/2019 6:46:15 AM	4/24/2019 1:15:00 PM
% alpha/beta TCR+ DNT	19-113-119945	4/23/2019 10:10:00 AM	4/24/2019 6:46:15 AM	4/24/2019 1:15:00 PM
% alpha/beta TCR+ DNT B220+	19-113-119945	4/23/2019 10:10:00 AM	4/24/2019 6:46:15 AM	4/24/2019 1:15:00 PM

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  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 19-113-119945  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
Page 2 of 2 | Printed: 12/7/2020 1:13:26 PM  
4848