

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 8/14/2019
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Lymphocyte Proliferation, Anti-CD3, Anti-CD28 and IL-2 Induced, by Flow Cytometry (24-Hr Critical Room Temp)

ARUP test code 3001337

CD45+ Cell Proliferation by anti-CD3 **0.2 % L** (Ref Interval: >=10.2)

CD3+ Cell Proliferation by anti-CD3 **0.0 % L** (Ref Interval: >=13.5)

CD45+ Cell Prolif by anti-CD3/CD28 **0.2 % L** (Ref Interval: >=29.0)

CD3+ Cell Prolif by anti-CD3/CD28 **0.3 % L** (Ref Interval: >=24.3)

CD45+ Cell Prolif by anti-CD3 and IL-2 **21.2 % L** (Ref Interval: >=33.1)

CD3+ Cell Prolif by anti-CD3 and IL-2 **20.3 % L** (Ref Interval: >=36.1)

Lymphocyte Proliferation-AntiCD3, Interp

See Note

Decreased T cell proliferation to anti-CD3 and anti-CD3/anti-CD28 stimulants. Proliferation to anti-CD3/IL-2 is detected, but response is low, in contrast to normal responses in client submitted and laboratory controls tested simultaneously. Reference intervals were determined on healthy individuals between 20 to 65 years old. Responses for individuals outside of this range may vary. Results should be interpreted in the context of clinical history and other immunological evaluation.

██████████ 11/26/2019

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

Unless otherwise indicated, testing performed at:

INTERPRETIVE INFORMATION: Lymphocyte Proliferation, Anti-CD3, Flow

This test measures T lymphocyte proliferation in response to stimulation with anti-CD3, anti-CD3/anti-CD28, and anti-CD3/Interleukin-2, determined by flow cytometry. Proliferating cells are detected by fluorescent labeling. Results are reported as percent proliferating cells of the total specific cell populations. This is a second-level test to be performed after Lymphocyte Proliferation to Mitogens (PHA, Con A, and PWM) by Flow Cytometry has been assessed.

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
CD45+ Cell Proliferation by anti-CD3	19-324-401153	11/20/2019 10:14:00 AM	11/21/2019 11:23:39 AM	11/26/2019 5:46:00 PM
CD3+ Cell Proliferation by anti-CD3	19-324-401153	11/20/2019 10:14:00 AM	11/21/2019 11:23:39 AM	11/26/2019 5:46:00 PM
CD45+ Cell Prolif by anti-CD3/CD28	19-324-401153	11/20/2019 10:14:00 AM	11/21/2019 11:23:39 AM	11/26/2019 5:46:00 PM
CD3+ Cell Prolif by anti-CD3/CD28	19-324-401153	11/20/2019 10:14:00 AM	11/21/2019 11:23:39 AM	11/26/2019 5:46:00 PM
CD45+ Cell Prolif by anti-CD3 and IL-2	19-324-401153	11/20/2019 10:14:00 AM	11/21/2019 11:23:39 AM	11/26/2019 5:46:00 PM
CD3+ Cell Prolif by anti-CD3 and IL-2	19-324-401153	11/20/2019 10:14:00 AM	11/21/2019 11:23:39 AM	11/26/2019 5:46:00 PM
Lymphocyte Proliferation-AntiCD3, Interp	19-324-401153	11/20/2019 10:14:00 AM	11/21/2019 11:23:39 AM	11/26/2019 5:46:00 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: 19-324-401153
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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