

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 1/1/1964
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Lymphocyte Proliferation, Antigen-Mitogen Panel by Flow Cytometry (24-Hr Critical Room Temp)

ARUP test code 3001319

CD45+ Cell Proliferation by PHA	52.4 %		(Ref Interval: >=39.7)
CD3+ Cell Proliferation by PHA	54.3 %		(Ref Interval: >=42.5)
CD19+ Cell Proliferation by PHA	58.1 %		(Ref Interval: >=51.9)
CD45+ Cell Proliferation by Con A	34.9 %		(Ref Interval: >=15.5)
CD3+ Cell Proliferation by Con A	46.4 %		(Ref Interval: >=17.4)
CD45+ Cell Proliferation by PWM	28.4 %		(Ref Interval: >=10.0)
CD3+ Cell Proliferation by PWM	28.8 %		(Ref Interval: >=8.0)
CD19+ Cell Proliferation by PWM	29.6 %		(Ref Interval: >=6.3)
CD45+ Cell Proliferation by Tetanus	1.6 %	L	(Ref Interval: >=2.9)
CD3+ Cell Proliferation by Tetanus	2.1 %	L	(Ref Interval: >=3.0)
CD45+ Cell Proliferation by Candida	0.7 %	L	(Ref Interval: >=9.6)

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

Unless otherwise indicated, testing performed at:

CD3+ Cell Proliferation by Candida

0.3 % L

(Ref Interval: ≥ 2.8)

Lymphocyte Antigen Mitogen Panel Interp

See Note

Decreased T lymphocyte proliferation in response to Candida and tetanus antigens. Results should be interpreted in the context of vaccination history and other clinical and immunological evaluation. Recommend re-evaluation 4-6 weeks after tetanus vaccination, if clinically appropriate.

12/04/2019

INTERPRETIVE INFORMATION: Lymphocyte Antigen Mitogen Panel -
Flow

This test measures lymphocyte proliferation in response to stimulation with nonspecific mitogens phytohemagglutinin (PHA), concanavalin A (Con A), and pokeweed mitogen (PWM); and T lymphocyte proliferation in response to stimulation with recall antigens tetanus toxoid and Candida, determined by flow cytometry. Proliferating cells are detected by fluorescent labeling. Results are reported as percent proliferating cells of total specific cell populations.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: 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: 19-325-401255
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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4848

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
CD45+ Cell Proliferation by PHA	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD3+ Cell Proliferation by PHA	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD19+ Cell Proliferation by PHA	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD45+ Cell Proliferation by Con A	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD3+ Cell Proliferation by Con A	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD45+ Cell Proliferation by PWM	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD3+ Cell Proliferation by PWM	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD19+ Cell Proliferation by PWM	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD45+ Cell Proliferation by Tetanus	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD3+ Cell Proliferation by Tetanus	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD45+ Cell Proliferation by Candida	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
CD3+ Cell Proliferation by Candida	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM
Lymphocyte Antigen Mitogen Panel Interp	19-325-401255	11/21/2019 7:31 00 AM	11/22/2019 11:42:07 AM	12/4/2019 6 22:00 PM

END OF CHART

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