

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 6/7/2009
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

Lymphocyte Mitogen Proliferation

ARUP test code 0096043

Lymphocyte Mitogen Proliferation

See Note

This test requires the submission of a client control sample to determine whether abnormal results observed in the patient sample are due to artifacts of specimen collection, transport, and/or handling, or patient condition. Abnormal patient results in the absence of a client submitted control sample should be correlated clinically and interpreted with caution.

	Patient		Client Control		Lab Control	
	CPM	SI*	CPM	SI*	CPM	SI*
Media alone	21	1	30	1	84	1
PHA 1:20	11530	549	291402	9713	323295	3849
PHA 1:50	6796	324	191029	6368	239966	2857
CON A 1:40	2234	106	155688	5190	213906	2547
CON A 1:200	2373	113	69509	2317	51488	613
Media alone	94	1	183	1	174	1
PWM 1:40	11109	118	157675	862	148807	855
PWM 1:200	19823	211	181158	990	181165	1041

Interpretation:
Low Lymphocyte responses to PHA.
Low Lymphocyte responses to Con A.
Low Lymphocyte responses to Pokeweed Mitogen.

Eszter Lazar-Molnar PhD, D(ABMLI)
01/07/2021

Phytohemagglutinin, concanavalin A and pokeweed mitogen are tested independently in lymphocyte culture. Lymphocyte proliferation in response to the non-specific mitogens phytohemagglutinin (PHA), concanavalin A (Con A) and pokeweed (PW) are determined by 3H-thymidine incorporation.

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: 20-366-116187
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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Results are reported as counts per minute (CPM) mitogen stimulated versus a control culture and a stimulation Index (SI) which represents the ratio of CPM of the stimulated lymphocytes to the mean CPM of the unstimulated control.

SI* = Stimulation Index (CPM Mitogen/CPM Media alone)

INTERPRETIVE INFORMATION: Lymphocyte Mitogen Proliferation

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Lymphocyte Mitogen Proliferation	20-366-116187	12/31/2020 1:50:00 PM	1/1/2021 4:27:24 AM	1/8/2021 12:42:00 PM

END OF CHART

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

Unless otherwise indicated, testing performed at:

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Patient: Patient, Example
ARUP Accession: 20-366-116187
Patient Identifiers: 01234567890ABCD, 012345
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