

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 4/28/1942
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Lymphocyte Antigen and Mitogen Proliferation Panel

ARUP test code 0096056

Lymphocyte Ag and Mitogen Panel

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	109	1	159	1	174	1
CANDIDA 1:100	67	1	93	1	21170	122
CANDIDA 1:200	65	1	275	2	17722	102
TETANUS 1:500	74	1	154	1	2312	13
TETANUS 1:2000	71	1	144	1	15522	89
Media alone	180	1	75	1	84	1
PHA 1:20	716	4	97810	1304	323295	3849
PHA 1:50	205	1	44803	597	239966	2857
CON A 1:40	214	1	20869	278	213906	2547
CON A 1:200	182	1	4546	61	51488	613
Media alone	109	1	159	1	174	1
PWM 1:40	3949	36	48326	304	148807	855
PWM 1:200	2956	27	70165	441	181165	1041

Interpretation:

Absent Lymphocyte responses to Candida
Absent Lymphocyte responses to Tetanus
Low Lymphocyte responses to PHA.
Low Lymphocyte responses to Con A.
Low Lymphocyte responses to Pokeweed Mitogen.

Lymphocyte responses in the client submitted control specimen indicate conditions of collection, transport, and/or handling may have compromised function in patient and client submitted control

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

Unless otherwise indicated, testing performed at:

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

Candida and tetanus antigens are tested independently in lymphocyte culture. Lymphocyte proliferation in response to these antigens is determined by 3H-thymidine incorporation.

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.

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)

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 Ag and Mitogen Panel	20-365-137889	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: