

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

Physician: Doctor, Example

Patient: Patient, Example

DOB Unknown
Gender: Unknown
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

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

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	118	1	186	1	110	1
CANDIDA 1:100	22212	188	23198	125	11376	103
CANDIDA 1:200	14990	127	18048	97	18730	170
TETANUS 1:500	22572	22	9597	52	65928	599
TETANUS 1:2000	14654	39	9686	52	73067	664
Media alone	82	1	80	1	54	1
PHA 1:20	245121	2989	275295	3441	172914	3202
PHA 1:50	162147	1977	178325	2229	110610	2048
CON A 1:40	211449	2579	265508	3319	134159	2484
CON A 1:200	32004	390	46632	583	66501	1232
Media alone	118	1	186	1	110	1
PWM 1:40	131751	1117	124063	667	61476	559
PWM 1:200	169900	1440	133206	716	90846	826

Interpretation:

Normal Lymphocyte responses to Candida
 Normal Lymphocyte responses to Tetanus
 Normal Lymphocyte responses to PHA.
 Normal Lymphocyte responses to Con A.
 Normal Lymphocyte responses to Pokeweed Mitogen.



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)

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

INTERPRETIVE INFORMATION: Lymphocyte Ag and Mitogen Panel

Phytohemagglutinin, concanavalin A, pokeweed mitogen, Candida antigen, and tetanus antigen are tested independently in lymphocyte culture. Lymphocyte proliferation in response to these mitogens and antigens is determined by 3H-thymidine incorporation.

Results are reported as the counts per minute (CPM) mitogen or antigen 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.

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.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Lymphocyte Ag and Mitogen Panel	23-054-117385	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: