ARUP LABORATORIES
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Tracy I. George, MD, Chief Medical Officer

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

Physician: Doctor, Example

Patient: Patient, Example

DOB	12/31/1900
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	237	1	273	1	210	1
CANDIDA 1:100	44536	188	29218	107	20469	97
CANDIDA 1:200	93273	394	35232	129	27902	133
TETANUS 1:500	11420	48	29892	109	8888	42
TETANUS 1:2000	20529	87	28587	105	7583	36
Media alone	70	1	182	1	102	1
PHA 1:20	178878	2555	81946	450	185927	1823
PHA 1:50	192810	2754	64717	356	120347	1180
CON A 1:40	107601	1537	62295	342	79353	778
CON A 1:200	21800	311	10974	60	16711	164
Media alone	237	1	273	1	210	1
PWM 1:40	94893	400	128030	469	85903	409
PWM 1:200	122863	518	147084	539	128457	612

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.

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	21-040-104389	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