Test Definition: LPMGF

Lymphocyte Proliferation to Mitogens, Blood

Reporting Title: Lymphocyte Proliferation, Mitogens
Performing Location: Rochester

Specimen Requirements:

Specimen must arrive within 24 hours of draw and by 10 a.m. on Friday. Send specimen Sunday through Thursday only. Draw and package specimen as close to shipping time as possible.

Container/Tube: Green top (sodium heparin)
Specimen Volume:
<3 months: 1 mL
3 months-5 years: 2 mL
6-18 years: 3 mL
>18 years: 10 mL
Collection Instructions:
1. Send specimen is original tube. Do not aliquot.
2. Ship specimen overnight in an Ambient Mailer-Critical Specimens Only (Supply T668).
Additional Information:
1. Date and time of draw and ordering physician name and phone number are required.
2. Specify "Mitogen" to differentiate from "Antigen" testing. This information is required.
3. If both antigens and mitogens are desired, order LPMAF/60593 Lymphocyte Proliferation Panel for Mitogens and Antigens.
4. For serial monitoring, we recommend that specimen draws be performed at the same time of day.

Specimen Type	Temperature	Time
WB Sodium Heparin	Ambient	48 hours

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
32317	Interpretation	Alphanumeric		69052-9
32318	Viab of Lymphs at Day 0	Numeric	%	In Process
32321	Max Prolif of PWM as % CD45	Alphanumeric	%	In Process
32322	Max Prolif of PWM as % CD3	Alphanumeric	%	In Process
32323	Max Prolif of PWM as % CD19	Alphanumeric	%	In Process
32319	Max Prolif of PHA as % CD45	Alphanumeric	%	In Process
32320	Max Prolif of PHA as % CD3	Alphanumeric	%	57741-1
32324	Mitogen Comment	Alphanumeric		48767-8

CPT Code: 1 × 86353

Reference Values:

Viability of lymphocytes at day 0: > or =75.0%
Maximum proliferation of phytohemagglutinin as % CD45: > or =49.9%
Maximum proliferation of phytohemagglutinin as % CD3: > or =58.5%
Maximum proliferation of pokeweed mitogen as % CD45: > or =4.5%
Maximum proliferation of pokeweed mitogen as % CD3: > or =3.5%
Maximum proliferation of pokeweed mitogen as % CD19: > or =3.9%