

Lymphocyte Proliferation to Mitogens, Blood

Test ID: LPMGF

Explanation: On the effective date blood volume recommendations based on absolute lymphocyte count (ALC), within Specimen Requirements, will be updated.

Current Table. Blood Volume Recommendations Based on Absolute Lymphocyte Count (ALC)

Mitogen only			
ALC x 10(9)/L	Blood volume for minimum phytohemagglutinin (PHA) only	Blood volume for minimum PHA and pokeweed mitogen (PWM)	Blood volume for full assay
<0.5	>6.5 mL	>8.5 mL	>22 mL
0.5-1.0	6.5 mL	8.5 mL	22 mL
1.1-1.5	3.0 mL	4.0 mL	10 mL
1.6-2.0	2.0 mL	2.5 mL	7 mL
2.1-3.0	1.5 mL	2.0 mL	6 mL
3.1-4.0	1.0 mL	1.5 mL	4 mL
4.1-5.0	0.8 mL	1.0 mL	3 mL
>5.0	0.5 mL	0.8 mL	2 mL

Current minimum volume
See Specimen Required

New Table. Blood Volume Recommendations Based on Absolute Lymphocyte Count (ALC)

Mitogen only			
ALC x 10(9)/L	Blood volume for minimum phytohemagglutinin (PHA) only	Blood volume for minimum PHA and pokeweed mitogen (PWM)	Blood volume for full assay
<0.5	>6.5 mL	>8.5 mL	>22 mL
0.5-1.0	6.5 mL	8.5 mL	22 mL
1.1-1.5	3.0 mL	4.0 mL	10 mL

1.6-2.0	2.0 mL	2.5 mL	7 mL
2.1-3.0	1.5 mL	2.0 mL	6 mL
>3.1	1.0 mL	1.5 mL	4 mL
4.1-5.0	1.0 mL	1.0 mL	3 mL
>5.0	1.0 mL	1.0 mL	2 mL

New minimum volume
Absolute minimum collection for analysis: 1 mL

Questions

Contact Rebekah Walsh, Laboratory Resource Coordinator at 800-533-1710.