

Laboratory Medicine - Test Information Guide

Lymphocyte Subset Analysis (including T, B and NK cell subsets)

Alternate Name: CD4, lymphocyte subset, CD4/CD8 ratio, TBNK, T and B cells, NK cells, Natural Killer Cells, Immune Status

Department: Flow Cytometry

STAT Test Available: Yes - Hematopathologist Consult required

TAT (Days): 3 days

Specimen Type: Peripheral blood - 1 EDTA (LAVENDER)

Collection Information & Patient Prep:

- Refer to [FCM-5.6.1.21](#) Lymphocyte Test Information.
- Transport all specimens in a sealed biohazard bag maintaining a barrier between the specimen and documentation.
- Transport all specimens at ambient temperature.

Methodology: Flow Cytometry - Single Platform Methodology

Requisition: Sunnybrook Requisition [FCM-5.6.1.1](#) - Flow Cytometry Laboratory Requisition.
Outside Referral Requisition [FCM-5.6.1.2](#) - Flow Cytometry Laboratory Referral Requisition. Include relevant therapy.

Critical Result Ranges: No critical value as per discussions with clinicians and laboratory medical staff.
Refer to [\[link\]FCM-5.12.3.1\[/link\]](#) Current Reference Ranges

Testing Referred To: N/A

Sample Volume: EDTA Evacuated Tubed filled to stated volume - under filling of tubes will result in an incorrect blood-to-additive ratio and may lead to incorrect analytic results

Unit of Measure: Parameters reported are S.I., X10E9/L and Ratio

Image:

Reference Ranges: