

Patient ID SAMPLE	Patient Name PATIENT, TEST	Birth Date 1974-08-04	Sex M	Age 50
Order Number SAMPLE	Client Order Number SAMPLE	Ordering Physician SAMPLE	Report Notes Sample Report	
Account Information SAMPLE		Collected 06 Aug 2024 09:24		

Quantitative NK/NKT Subsets

Quantitative NK/NKT Interpretation

① SDL

Normal NK cell and NK T cell subsets.

This assay is not a surrogate for functional NK cell cytotoxicity testing. Neither is the test intended for standard quantitation of total NK cells, which can be measured using test code TBBS, that provides T, B and NK cell quantitation.

Clinical correlation recommended.

ADDITIONAL INFORMATION

Adult reference vales implemented December 8, 2014 for all reported values except % NKT cells and NKT cells which were implemented on November 20, 2017. Reference ranges for 7Y to 17Y implemented on July 12, 2021. NK cell subsets (based on CD16 and CD56 expression) are derived from CD45+ CD3- cell gate. NKT cells are gated on CD45+ CD3+ cells.

Total Lymphs (CD45+)

2887 cells/mcL

SDL
Reference Value
1438–4043

% Total CD45+CD3- cells

24.8 %

SDL
Reference Value
15.7–43.3

Total CD45+CD3- cells

606 cells/mcL

SDL
Reference Value
375–1127

% Total NK Cells

6.5 %

SDL
Reference Value
3.2–22.8

Total NK Cells

189 cells/mcL

SDL
Reference Value
85–595

% Cytotoxic NK (CD16++CD56+)

77.2 %

SDL
Reference Value
61.5–92.0

Cytotoxic NK (CD16++CD56+)

146 cells/mcL

SDL
Reference Value
41–468

% Cytokine-Producing NK (CD56++)

4.7 %

SDL
Reference Value
1.7–21.1

Cytokine-Producing NK (CD56++)

9 cells/mcL

SDL
Reference Value
3–43

% Total CD45+CD3+ Cells

75.3 %

SDL
Reference Value
56.8–84.4

Total CD45+CD3+ Cells

985 cells/mcL

SDL
Reference Value
962–3067

% NKT cells (CD+D56+)

4.4 %

SDL
Reference Value
1.8–13.6

NKT cells (CD3+CD56+)

42 cells/mcL

SDL
Reference Value
33–211

Received: 07 Aug 2024 09:19

Reported: 07 Aug 2024 09:24

Laboratory Notes

- ① This test was developed using an analyte specific reagent. Its performance characteristics were determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleaned or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55905	Nikola Baumann Ph.D.	24D1040592