



Test Definition: QNKS

Natural Killer (NK)/Natural Killer T-Cell Subsets,
Quantitative, Blood

Reporting Title: Quantitative NK/NKT Subsets

Performing Location: Mayo Clinic Laboratories - Rochester Superior Drive

Ordering Guidance:

This assay does not measure cell-surface or intracellular proteins on natural killer or natural killer T-cell subsets.

A minimum CD45 lymph count (as measured by flow cytometry in the laboratory) is required to report this test. If that requirement is not met (eg, patients with severe lymphopenia), the test will be canceled and an alternate test will be suggested (TBBS / Quantitative Lymphocyte Subsets: T, B, and Natural Killer [NK] Cells, Blood).

Shipping Instructions:

Send specimen Monday through Thursday only. Specimen must arrive within 24 hours of collection and by 10 a.m. Central time on Friday.

Collect and package specimen as close to shipping time as possible. Ship specimen overnight.

Necessary Information:

The ordering healthcare professional's name and phone number are required.

Specimen Requirements:

Container/Tube: Green top (sodium heparin)

Specimen Volume: 3 mL

Collection Instructions: Send whole blood specimen in original tube. **Do not aliquot.**

Additional Information: For serial monitoring, it is recommended that specimens are collected at the same time of day.

Forms:

Specimen Type	Temperature	Time	Special Container
WB Sodium Heparin	Ambient	30 hours	GREEN TOP/HEP

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
NKA45	Total Lymphs (CD45+)	Alphanumeric	cells/mcL	27071-0
NKP3N	% Total CD45+CD3- cells	Unknown	%	89311-5
NKA3N	Total CD45+CD3- cells	Alphanumeric	cells/mcL	89313-1
NKP	% Total NK Cells	Alphanumeric	%	8112-5
NKA	Total NK Cells	Alphanumeric	cells/mcL	9728-7
NKPCY	% Cytotoxic NK (CD16++CD56+)	Alphanumeric	%	In Process
NKACY	Cytotoxic NK (CD16++CD56+)	Alphanumeric	cells/mcL	42188-3
NK56P	% Cytokine-Producing NK (CD56++)	Alphanumeric	%	8133-1
NK56A	Cytokine-Producing NK (CD56++)	Alphanumeric	cells/mcL	14113-5

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NKPL3	% Total CD45+CD3+ Cells	Unknown	%	In Process
NKAL3	Total CD45+CD3+ Cells	Alphanumeric	cells/mcL	89312-3
NKTP	% NKT cells (CD3+CD56+)	Alphanumeric	%	17135-5
NKTA	NKT cells (CD3+CD56+)	Alphanumeric	cells/mcL	26858-1
QNKSI	Quantitative NK/NKT Interpretation	Alphanumeric		69052-9

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

86356 x3

86359

86357

Reference Values:

The appropriate age-related reference values will be provided on the report. Pediatric reference values are not available for patients younger than 7 years and therefore, interpretation will be based on the 7- to 17-year old ranges with appropriate cautionary statements in the interpretation.