

Reporting Title: CD8 Immune Competence Panel
Performing Location: Rochester

Ordering Guidance:
This test requires multiple whole blood specimens to perform all testing. If only one whole blood specimen type is received, only the testing associated with that specimen type will be performed. Be advised that this may change the degree of interpretation received with the report.

Shipping Instructions:
Specimens are required to be received in the laboratory weekdays and by 4 p.m. on Friday. Collect and package specimens as close to shipping time as possible. Ship specimens overnight in an Ambient Shipping Box-Critical Specimens Only (T668) following the instructions in the mailer.

It is recommended that specimens arrive within 24 hours of collection.

Samples arriving on the weekend and observed holidays may be canceled.

Necessary Information:
Date of collection is required.

Specimen Requirements:
Two separate whole blood specimens, EDTA and (possibly 2 tubes) sodium heparin, are required.
For serial monitoring, it is recommended that specimens are collected at the same time of day.

Supplies: Ambient Shipping Box-Critical Specimens Only (T668)

Specimen Type: EDTA whole blood
Container/Tube: Lavender top (EDTA)
Specimen Volume: 3 mL

- Collection Instructions:**
- Send whole blood specimen in original tube. **Do not aliquot.**
 - Label specimen as whole blood for TBBS / Quantitative Lymphocyte Subsets: T, B, and Natural Killer (NK) Cells, Blood

Specimen Type: Sodium heparin whole blood
Container/Tube: Green top (sodium heparin)
Specimen Volume: 15 mL

- Collection Instructions:**
- Send whole blood specimen in original tube. **Do not aliquot.**
 - Label specimen as whole blood for GLIC / CD8 T-Cell Immune Competence, Global, Blood

Specimen Type	Temperature	Time	Special Container
WB Sodium Heparin	Ambient	48 hours	GREEN TOP/HEP
Whole Blood EDTA	Ambient	52 hours	PURPLE OR PINK TOP/EDTA

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
30644	CD107a/b	Alphanumeric	% CD8 T-Cells	95203-6
30643	IFN-g	Alphanumeric	% CD8 T-Cells	95204-4
30645	Interpretation	Alphanumeric		69052-9
4054	% CD16+CD56 (NK cells)	Unknown	%	8112-5
4055	CD16+CD56 (NK cells)	Unknown	cells/mcL	20402-4
3324	CD19 (B Cells)	Unknown	cells/mcL	8116-6
3322	CD3 (T Cells)	Unknown	cells/mcL	8122-4
3319	% CD4 (T Cells)	Unknown	%	8123-2
3325	CD4 (T Cells)	Unknown	cells/mcL	24467-3
3326	CD8 (T Cells)	Unknown	cells/mcL	14135-8
3327	4/8 Ratio	Unknown		54218-3
3321	CD45 Total Lymph Count	Unknown	thou/mcL	27071-0
3318	% CD19 (B Cells)	Unknown	%	8117-4
3316	% CD3 (T Cells)	Unknown	%	8124-0
3320	% CD8 (T Cells)	Unknown	%	8101-8
6657	Comment	Alphanumeric		80722-2

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

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
TBBS	QN Lymphocyte Subsets: T, B, and NK	1	86355	Yes	Yes
GLIC	CD8 Immune Competence, B	2	86356	Yes	Yes

CPT Code Information:

- 86355-B cells, total count
- 86357-Natural killer (NK) cells, total count
- 86359-T cells, total count
- 86360-Absolute CD4/CD8 count with ratio
- 86356 x 2

Reference Values:

The appropriate age-related reference values will be provided on the report.