MAYO CLINIC
Mayo Medical Laboratories

Test Definition: TBBS

T- and B-Cell Quantitation by Flow Cytometry

Reporting Title: T- and B-Cell QN by Flow Cytometry
Performing Location: Rochester

Specimen Requirements:

Specimen must arrive within 48 hours of draw. Draw and package specimen as close to shipping time as possible.

Container/Tube: Lavender top (EDTA)
Specimen Volume: 3 mL
Collection Instructions: Send specimen in original tube. Do not aliquot.
Additional Information:
1. Date of draw is required.
2. For serial monitoring, we recommend that specimen draws be performed at the same time of day.

Specimen Type	Temperature	Time
Whole Blood EDTA	Ambient	48 hours

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
9336	T-and B-Cell QN by Flow Cytometry(TBBS_) **Also used by tests: TBNY**	Alphanumeric		In Process
3321	CD45 Lymph Count, Flow **Also used by tests: CD4NY, TCD4, TBNY, 800295**	Numeric	thou/mcL	27071-0
3316	% CD3 (T Cells) **Also used by tests: TCD4, CD4NY, TBNY, 800295**	Numeric	%	8124-0
3318	% CD19 (B Cells) **Also used by tests: TBNY, 800295**	Numeric	%	8117-4
4054	% CD16+CD56 (NK cells) **Also used by tests: 800295, TBNY**	Numeric	%	18267-5
3319	% CD4 (Helper Cells) **Also used by tests: TCD4, 800295, CD4NY, TBNY**	Numeric	%	8128-1
3320	% CD8 (Supp'r Cells) **Also used by tests: TCD4, 800295, CD4NY, TBNY**	Numeric	%	8138-0

Result ID	Reporting Name	Type	Unit	LOINC®
3322	CD3 (T Cells) **Also used by tests: TCD4, 800295, CD4NY, TBNY**	Numeric	cells/mcL	8122-4
3324	CD19 (B Cells) **Also used by tests: TBNY, 800295**	Numeric	cells/mcL	8116-6
4055	CD16+CD56 (NK cells) **Also used by tests: 800295, TBNY**	Numeric	cells/mcL	20402-4
3325	CD4 (Helper Cells) **Also used by tests: TCD4, 800295, CD4NY, TBNY**	Numeric	cells/mcL	8127-3
3326	CD8 (Supp'r Cells) **Also used by tests: TCD4, 800295, CD4NY, TBNY**	Numeric	cells/mcL	8137-2
3327	H/S Ratio **Also used by tests: TCD4, 800295, CD4NY, TBNY**	Numeric		8129-9
6657	Comment **Also used by tests: 800295, TBNY**	Alphanumeric		48767-8

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

Reference Values:

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