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.
Forms: If not ordering electronically, submit a General Request Form (Supply T239) with the specimen.

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: 800295, TBNY, TCD4, CD4NY**	Numeric	thou/mcL	27071-0
3316	% CD3 (T Cells) **Also used by tests: 800295, TBNY, TCD4, CD4NY**	Numeric	%	8124-0
3318	% CD19 (B Cells) **Also used by tests: 800295, TBNY**	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: 800295, CD4NY, TCD4, TBNY**	Numeric	%	8138-0

Result ID	Reporting Name	Type	Unit	LOINC®
3322	CD3 (T Cells) **Also used by tests: CD4NY, TCD4, TBNY, 800295**	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: CD4NY, TCD4, TBNY, 800295**	Numeric	cells/mcL	8127-3
3326	CD8 (Supp'r Cells) **Also used by tests: TCD4, CD4NY, TBNY, 800295**	Numeric	cells/mcL	8137-2
3327	H/S Ratio **Also used by tests: TCD4, CD4NY, TBNY, 800295**	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.