Reporting Title: Immune Assessment B Cell Subsets, B
Performing Location: Rochester

Specimen Requirements:
Two separate EDTA specimens are required.

Send specimens Sunday through Thursday only. Specimens must arrive within 48 hours of draw and by 10 a.m. on Friday. Draw and package specimens as close to shipping time as possible. Ship specimens overnight.

For serial monitoring, we recommend that specimen draws be performed at the same time of day.

Specimen Type: Whole blood for TBBS/9336 T- and B-Cell Quantitation by Flow Cytometry
Container/Tube: Lavender top (EDTA)
Specimen Volume: 4 mL
Collection Instructions:
1. Send specimen in original tube. Do not aliquot.
2. Label specimen as blood for TBBS/9336 T- and B-Cell Quantitation by Flow Cytometry.
Additional Information: Date of draw is required.
Specimen Stability Information: Ambient <48 hours

Specimen Type: Whole blood for IABC/87994 B-Cell Phenotyping Screen for Immunodeficiency and Immune Competence Assessment, Blood
Container/Tube: Lavender top (EDTA)
Specimen Volume:
< or =14 years: 4 mL
>14 years: 10 mL
Collection Instructions:
1. Send specimen in original tube. Do not aliquot.
2. Label specimen as blood for IABC/87994 B-Cell Phenotyping Screen for Immunodeficiency and Immune Competence Assessment, Blood.
Additional Information: Ordering physician name and phone number are required.
Specimen Stability Information: Refrigerated <48 hours

Specimen Type	Temperature	Time
Whole Blood EDTA	Varies	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, TBBS**	Alphanumeric		In Process

Result ID	Reporting Name	Type	Unit	LOINC®
3321	CD45 Lymph Count, Flow **Also used by tests: 800295, TBNY, TCD4, TBBS, CD4NY**	Numeric	thou/mcL	27071-0
3316	% CD3 (T Cells) **Also used by tests: 800295, TBNY, TCD4, CD4NY, TBBS**	Numeric	%	8124-0
3318	% CD19 (B Cells) **Also used by tests: 800295, TBNY, TBBS**	Numeric	%	8117-4
4054	% CD16+CD56 (NK cells) **Also used by tests: 800295, TBBS, TBNY**	Numeric	%	18267-5
3319	% CD4 (Helper Cells) **Also used by tests: TCD4, 800295, CD4NY, TBNY, TBBS**	Numeric	%	8128-1
3320	% CD8 (Supp'r Cells) **Also used by tests: 800295, CD4NY, TCD4, TBNY, TBBS**	Numeric	%	8138-0
3322	CD3 (T Cells) **Also used by tests: CD4NY, TCD4, TBNY, 800295, TBBS**	Numeric	cells/mcL	8122-4
3324	CD19 (B Cells) **Also used by tests: TBNY, 800295, TBBS**	Numeric	cells/mcL	8116-6
4055	CD16+CD56 (NK cells) **Also used by tests: 800295, TBNY, TBBS**	Numeric	cells/mcL	20402-4
3325	CD4 (Helper Cells) **Also used by tests: CD4NY, TCD4, TBNY, 800295, TBBS**	Numeric	cells/mcL	8127-3
3326	CD8 (Supp'r Cells) **Also used by tests: TCD4, CD4NY, TBNY, 800295, TBBS**	Numeric	cells/mcL	8137-2
3327	H/S Ratio **Also used by tests: TCD4, CD4NY, TBNY, 800295, TBBS**	Numeric		8129-9
6657	Comment **Also used by tests: 800295, TBNY, TBBS**	Alphanumeric		48767-8

Result ID	Reporting Name	Type	Unit	LOINC®
30296	CD19+ % of total Lymphocytes	Numeric	%	8117-4
29094	CD20+ % of total Lymphocytes	Numeric	%	8119-0
30298	CD27+ % of CD19+ B cells	Numeric	%	In Process
30300	CD27+ IgM+ IgD+ % of CD19+ B cells	Numeric	%	In Process
30302	CD27+ IgM- IgD- % of CD19+ B cells	Numeric	%	In Process
30304	CD27+ IgM+ IgD- % of CD19+ B cells	Numeric	%	In Process
30306	IgM+ % of CD19+ B cells	Numeric	%	In Process
30308	CD38+ IgM- % of CD19+ B cells	Numeric	%	In Process
30310	CD38+ IgM+ % of CD19+ B cells	Numeric	%	In Process
30312	CD21+ % of CD19+ B cells	Numeric	%	In Process
30314	CD21- % of CD19+ B cells	Numeric	%	In Process
30297	CD19+	Alphanumeric	cells/mcL	8116-6
29095	CD20+	Alphanumeric	cells/mcL	9558-8
30299	CD27+	Alphanumeric	cells/mcL	In Process
30301	CD27+ IgM+ IgD+	Alphanumeric	cells/mcL	In Process
30303	CD27+ IgM- IgD-	Alphanumeric	cells/mcL	In Process
30305	CD27+ IgM+ IgD-	Alphanumeric	cells/mcL	In Process
30307	IgM+	Alphanumeric	cells/mcL	In Process
30309	CD38+ IgM-	Alphanumeric	cells/mcL	In Process
30311	CD38+ IgM+	Alphanumeric	cells/mcL	In Process
30313	CD21+	Alphanumeric	cells/mcL	25164-5
30315	CD21-	Alphanumeric	cells/mcL	In Process
30316	Interpretation	Alphanumeric		69048-7

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	Flow Cytometry first mark	1	88184		
Billing only	Each additional marker	7	88185		
Billing only	B cells, total count	1	86355		

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	Absolute CD4/CD8 Count	1	86360		
Billing only	T-cells total count	1	86359		
Billing only	Natural killer cells	1	86357		
TBBS	T- and B-Cell QN by Flow Cytometry		Profile	No	Yes
IABC	Immune Assessment B Cell Subsets, B			Yes	No

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
CVID	CVID Confirmation Flow Panel		Profile	No	Yes

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
CVID	28113	CD19+ TACI+ % of CD19 B cells	Alphanumeric	%	In Process
CVID	28121	CD19+ BAFF-R+ % of CD19 B cells	Alphanumeric	%	In Process
CVID	28124	Interpretation	Alphanumeric		69052-9

Reference Values:

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