

**Reporting Title:** Relative B Cell Subset Analysis %  
**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive

**Ordering Guidance:**  
This test should be ordered **only** when percentages are needed for the reportable B-cell subsets. If **both** percentages and absolute counts are needed for the reportable B-cell subsets, order IABCS / B-Cell Phenotyping Profile for Immunodeficiency and Immune Competence Assessment, Blood.

**Shipping Instructions:**  
**Testing performed Monday through-Friday. Specimens not received by 4 p.m. Central time on Fridays may be canceled.**

**Specimens arriving on the weekend and observed holidays may be canceled.**

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

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

**Necessary Information:**  
**The ordering healthcare professional's name and phone number are required.**

**Specimen Requirements:**  
**Container/Tube:** Lavender top (EDTA)  
**Specimen Volume:**  
< or =14 years: 4 mL  
>14 years: 10 mL

**Collection Instructions:**  
1. Send whole blood specimen in original tube. **Do not aliquot.**  
2. Label specimen as blood for RBCS.

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

Specimen Type	Temperature	Time	Special Container
Whole Blood EDTA	Refrigerated	48 hours	PURPLE OR PINK TOP/EDTA

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
BCD19	CD19+ % of total Lymphocytes	Unknown	%	8117-4
BCD20	CD20+ % of total Lymphocytes	Unknown	%	8119-0
BCD27	CD27+ % of CD19+ B Cells	Unknown	%	89358-6
B27MD	CD27+ IgM+ IgD+ % of CD19+ B Cells	Unknown	%	89352-9
B27N	CD27+ IgM- IgD- % of CD19+ B Cells	Unknown	%	89350-3
B27M	CD27+ IgM+ IgD- % of CD19+ B Cells	Unknown	%	89348-7

BIGM	IgM+ % of CD19+ B Cells	Unknown	%	89346-1
B38MN	CD38+ IgM- % of CD19+ B Cells	Unknown	%	89344-6
B38MP	CD38+ IgM+ % of CD19+ B Cells	Unknown	%	89341-2
B21P	CD21+ % of CD19+ B Cells	Unknown	%	89356-0
B21N	CD21- % of CD19+ B Cells	Unknown	%	89355-2
RBCSI	Interpretation	Alphanumeric		69048-7

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

Supplemental Report:

No

CPT Code Information:

86356 x7

Reference Values:

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