
Reporting Title: CD52 Cell Expression Evaluation, V

Performing Location: Rochester

Ordering Guidance:

This test should **not** be used as a shortened diagnostic panel. For a complete diagnostic B-cell, T-cell, or acute immunophenotyping panel, order LCMS / Leukemia/Lymphoma Immunophenotyping, Flow Cytometry, Varies.

This test evaluates CD52 expression only. For CD20 expression, order CEE20 / CD20 Cell Expression Evaluation, Varies. For CD49d expression, order CEE49 / CD49d Cell Expression Evaluation, Varies.

Shipping Instructions:

Specimen must arrive within 4 days of collection.

Necessary Information:

The following information is required:

1. The therapeutic monoclonal antibody being used or considered
2. The pertinent hematologic diseases that have been diagnosed or considered
3. Diagnostic immunophenotype of the neoplastic cells (when available, a pathology and/or flow cytometry report should be included).
4. Specimen source
5. Date and time of collection

Specimen Requirements:

Submit only 1 of the following specimens:

Specimen Type: Whole Blood

Container/Tube:

Preferred: Yellow top (ACD solution A or B)

Acceptable: Lavender top (EDTA) or Green top (sodium heparin)

Specimen Volume: 10 mL

Collection Instructions:

1. Send specimen in original tube. **Do not aliquot.**
2. Label specimen as blood.

Specimen Stability Information: Ambient/Refrigerated < or =4 days

Specimen Type: Bone marrow

Container/Tube:

Preferred: Yellow top (ACD solution A or B)

Acceptable: Lavender top (EDTA) or Green top (sodium heparin) **Specimen Volume:** 1-5 mL

Collection Instructions:

1. Submission of bilateral specimens is not required.
2. Label specimen as bone marrow.
3. Send bone marrow specimen in original tube. **Do not aliquot.**

Specimen Stability Information: Ambient/Refrigerated < or =4 days

Forms:

If not ordering electronically, complete, print, and send a [Hematopathology/Cytogenetics Test Request](#) (T726) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Varies	4 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CK166	CEE52 Result	Alphanumeric		No LOINC Needed
CK167	Final Diagnosis	Alphanumeric		22637-3

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

Supplemental Report:

No

CPT Code Information:

- 88184-Flow cytometry; first cell surface, cytoplasmic or nuclear marker
- 88185 x 3-Flow cytometry; additional cell surface, cytoplasmic or nuclear marker
- 88187-Flow Cytometry Interpretation, 2 to 8 Markers

Reference Values:

Normal individuals have B lymphocytes, T lymphocytes, or myeloid cells that express the corresponding cell-surface antigens in question.