

**Reporting Title:** B-ALL Monitoring, MRD Detection, V  
**Performing Location:** Rochester

**Additional Testing Requirements:**  
If cytogenetic tests are also desired an additional specimen should be submitted. It is important that the specimen be obtained, processed, and transported according to instructions for the other required test.

**Shipping Instructions:**  
Specimens must be received within 3 days of collection.

**Necessary Information:**  
A copy of the diagnostic flow cytometry report is required.

**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), green top (sodium heparin)  
**Specimen Volume:** 6 mL  
**Slides:** If possible, include 5 to 10 unstained blood smears labeled with 2 **unique** identifiers  
**Collection Instructions:**  
1. Send whole blood specimen in original tube. **Do not aliquot.**  
2. Label specimen as blood.

**Specimen Type:** Bone marrow  
**Container/Tube:**  
**Preferred:** Yellow top (ACD solution A or B)  
**Acceptable:** Lavender top (EDTA), green top (sodium heparin)  
**Specimen Volume:** 6 mL  
**Slides:** If possible, include 5 to 10 unstained bone marrow aspirate smears labeled with 2 **unique** identifiers  
**Collection Instructions:**  
1. Submission of bilateral specimens is not required.  
2. Send bone marrow specimen in original tube. **Do not aliquot.**  
3. Label specimen as bone marrow.

**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	Ambient	72 hours	

# Test Definition: BALLM

B-Cell Lymphoblastic Leukemia Monitoring,  
Minimal Residual Disease Detection, Flow  
Cytometry, Varies

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CK173	BALLM Result	Alphanumeric		No LOINC Needed
CK174	Final Diagnosis	Alphanumeric		22637-3
CK175	Special Studies	Alphanumeric		30954-2
CK176	Microscopic Description	Alphanumeric		22635-7

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 9-Flow cytometry; additional cell surface, cytoplasmic or nuclear marker (each)
- 88188-Flow Cytometry Interpretation, 9 to 15 Markers

Reference Values:

An interpretive report will be provided.

This test will be processed as a laboratory consultation. An interpretation of the immunophenotypic findings and correlation with the morphologic features will be provided by a hematopathologist for every case.