

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 2/11/1978  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**B-Lymphoblastic Leukemia (B-ALL) Minimum Residual Disease Detection by Flow Cytometry**

ARUP test code 3000724

Number of Markers 10 markers

B-All MRD Interpretation See Note

SAMPLE: Bone Marrow

IMPRESSION:  
NEGATIVE for persistent/recurrent B lymphoblastic  
Leukemia/lymphoma by flow cytometry (see comment).

COMMENT:  
The limit of detection of this assay is estimated to be 0.0051%.

1. Previous bone marrow B-ALL MRD flow cytometry studies, including the most recent from 02-16-2023 (Accession #23-047-112719), reported similar results.
2. Submission of prior diagnostic immunophenotyping studies is suggested as they may help in assessment of post treatment specimens.

ANALYSIS:  
Total viable leukocytes collected: 1,497,387  
Estimated specimen viability (fs/ss): 92%

Antigens examined: CD10, CD19, CD20, CD22, CD24, CD34, CD38, CD45, CD58, CD66b

Number of markers assessed:10

This result has been reviewed and approved by [REDACTED]  
[REDACTED] 08/18/2023

INTERPRETIVE INFORMATION: B-ALL MRD by Flow Cytometry

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

**H=High, L=Low, \*=Abnormal, C=Critical**

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Number of Markers	23-228-116883	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
B-All MRD Interpretation	23-228-116883	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

**H=High, L=Low, \*=Abnormal, C=Critical**

*Unless otherwise indicated, testing performed at:*

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 23-228-116883  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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