

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 11/28/1959  
**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 0.0054%.

1. The atypical immature B-lineage cells reported in a previous  
peripheral blood flow cytometry study from 11-11-2022 (Accession  
#22-315-126465) were not detected in this study.  
2. A concurrent bone marrow LL PANEL flow cytometry study is  
reported under Accession #23-331-120594.

ANALYSIS:  
Total viable leukocytes collected: 1,399,530  
Estimated specimen viability (fs/ss): 91%

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]  
11/29/2023

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.

## VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Leuk/Lymph Phenotype, Impression	23-331-120594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

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: 23-331-120594  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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Leuk/Lymph Phenotype, Source	23-331-120594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Number Of Markers	23-331-120594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Number of Markers	23-331-120594	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
B-All MRD Interpretation	23-331-120594	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**

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Patient: Patient, Example  
ARUP Accession: 23-331-120594  
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