

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 7/25/2012  
**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 (Left)

IMPRESSION:  
POSITIVE for persistent/recurrent B lymphoblastic  
Leukemia/lymphoma by flow cytometry accounting for 0.013% of  
viable leukocytes (see comment).

COMMENT:  
The limit of detection of this assay is estimated to be 0.0058%.

A contralateral B-ALL MRD flow cytometry study is reported  
separately (see Accession #23-325-113097).

ANALYSIS:  
Total viable leukocytes collected: 1,307,651  
Estimated specimen viability (fs/ss): 88%

Atypical B lineage lymphoblasts:  
CD45: Low  
CD10: High  
CD20: Low  
CD58: Intermediate  
CD22: Intermediate  
CD34: Intermediate  
CD38: Low  
CD19: Intermediate  
CD24: Intermediate

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]  
11/27/2023

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

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
Number of Markers	23-325-113096	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
B-All MRD Interpretation	23-325-113096	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: