

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 7/25/2020  
**Gender:** Male  
**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 13 markers

B-All MRD Interpretation See Note

SAMPLE: Bone Marrow

IMPRESSION:  
No evidence of abnormal B-lineage lymphoblasts.

COMMENT:  
Please correlate clinically. (COG day 29 protocol used in evaluation)  
The limit of detection for B-ALL blasts is 0.01% of mononuclear cells.

1. The B-lineage lymphoblasts reported in previous bone marrow B-ALL flow cytometry studies from May and July 2023 (Accession #'s 23-139-401661 and 23-209-401310) were not detected in this specimen.

ANALYSIS:

Viability: 99%

Markers run: CD3, CD9, CD10, CD19, CD20, CD13, CD33, CD34, CD38, CD45, CD58, CD71, Syto 16

This result has been reviewed and approved by [REDACTED]  
[REDACTED] 11/24/2023

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	23-325-401683	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
B-All MRD Interpretation	23-325-401683	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: 23-325-401683  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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