

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 12/23/1950  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Chronic Lymphocytic Leukemia Minimum Residual Disease by Flow Cytometry**

ARUP test code 3003142

**Interpretation**

see note

SAMPLE: Peripheral Blood

**INTERPRETATION:**

**POSITIVE** for persistent/recurrent CLL/SLL, accounting for 0.048% of viable leukocytes (see comment)

**COMMENT:**

The limit of detection of this assay is estimated to be 0.005%. This assay is designed only to monitor disease status in known cases of CLL/SLL and can not be used to monitor or diagnose other B-cell lymphoproliferative disorders.

Phenotypically similar atypical CD5+ B-cells were reported in a peripheral blood from 12-06-2021, where they accounted for 0.033% of the viable leukocytes (Accession #21-340-401601).

**ANALYSIS:**

Total viable leukocytes collected:1027358

Estimated specimen viability: 66%

**Abnormal Cell Phenotype:**

CD5: Intermediate  
CD43: Intermediate  
CD81: Low  
CD19: Slightly Low  
CD20: Low  
CD22: Low to Absent  
CD45: Slightly Low  
CD79b: Low  
CD200: Low

Antigens examined: CD3, CD5, CD19, CD20, CD22, CD43, CD45, CD79b, CD81, CD200

Number of markers assessed: 10

These results have been reviewed and approved by [REDACTED]

**INTERPRETIVE INFORMATION: Chronic Lymph Leuk 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
Interpretation	22-157-401755	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: 22-157-401755  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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