

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

Physician: Doctor, Example

**Patient: Patient, Example**

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

**CEBPA Mutation Detection**

ARUP test code 2004247

CEBPA Mutation Detection Results

**One Mutation \***

A single mutation was detected: c.430dupG

This result has been reviewed and approved by [REDACTED]

INTERPRETIVE INFORMATION: CEBPA Mutation Detection

INTERPRETATION: The presence of double (two) mutations, but not a single (one) mutation, is associated with a more favorable clinical outcome in patients with acute myeloid leukemia. The good prognosis associated with double CEBPA mutations is only seen in the absence of a concurrent FLT3-ITD mutation (Green CL, et al. 2010. J Clin Oncol:28,2739-2747).

METHODOLOGY: CEBPA mutations in white blood cells are detected by a combination of PCR amplification, fragment length analysis (agarose gel electrophoresis), and direct sequencing of DNA fragments from the coding regions of the CEBPA gene.

LIMIT OF DETECTION: The detection limit for heterozygous mutations is 40 percent mutated cells.

LIMITATIONS: A "Not Detected" result does not preclude the presence of CEBPA mutations below the detection limits of this test. Results of this test must always be interpreted in the context of morphologic and other relevant data, and should not be used alone for a diagnosis of malignancy.

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
CEBPA Mutation Detection Results	21-267-106128	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  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 21-267-106128  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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