

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: [REDACTED]
Gender: Male
Patient Identifiers: [REDACTED]
Visit Number (FIN): [REDACTED]
Collection Date: 00/00/0000 00:00

CEBPA Mutation Detection

ARUP test code 2004247

CEBPA Mutation Detection Results

Not Detected

A CEBPA mutation was not detected. This does not exclude the possibility of a mutation present below the limit of detection for this assay.

This result has been reviewed and approved by Kristin Karner, M.D.

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.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
CEBPA Mutation Detection Results	19-241-116964	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