

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: ██████████
Sex: ██████████
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

CBFB-MYH11 inv(16) Detection, Quantitative

ARUP test code 2011114

CBFB-MYH11 Source	RNA
CBFB-MYH11 Result	Not Detected

CBFB-MYH11 fusion transcripts were not detected by RT-qPCR. This result does not entirely exclude the possibility of inv(16)/t(16;16) positive cells in the sample below the test limit of detection.

This result has been reviewed and approved by ██████████

INTERPRETIVE INFORMATION: CBFB-MYH11 inv(16) Quantitative

This test is designed to detect and quantify CBFB-MYH11 fusion transcripts (type A, D or E) which result from inv(16)/t(16;16);CBFB-MYH11, a recurrent genetic abnormality found in a subset of patients with acute myeloid leukemia.

Methodology:
Patient RNA is isolated, reverse transcribed into cDNA, and amplified using primers specific for the CBFB and MYH11 genes. A normalized ratio is calculated representing CBFB-MYH11 transcripts / ABL1 transcripts.

Limitations:
Translocations involving other genes or gene partners will not be detected.
The limit of quantitation for this test is 0.0001 (NCN).

Results of this test must always be interpreted within the patient's clinical context and in conjunction with other relevant data. Results 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.

CBFB-MYH11/ABL1 Ratio	0.00000
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H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
CBFB-MYH11 Source	22-138-103921	5/18/2022 10:49:00 AM	5/18/2022 10:50:26 AM	5/24/2022 10:20:00 AM
CBFB-MYH11 Result	22-138-103921	5/18/2022 10:49:00 AM	5/18/2022 10:50:26 AM	5/24/2022 10:20:00 AM
CBFB-MYH11/ABL1 Ratio	22-138-103921	5/18/2022 10:49:00 AM	5/18/2022 10:50:26 AM	5/24/2022 10:20:00 AM

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: 22-138-103921
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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