

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

Physician: Doctor, Example

Patient: Patient, Example

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

CBFB-MYH11 inv(16) Detection, Quantitative

ARUP test code 2011114

CBFB-MYH11 Result

Detected: Type A

CBFB-MYH11 fusion transcripts (type A) were detected by RT-qPCR. This indicates the presence of inv(16)/t(16;16) positive cells in the sample.

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

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.

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

CBFB-MYH11/ABL1 Ratio 0.01808

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
CBFB-MYH11 Result	20-274-405302	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
CBFB-MYH11/ABL1 Ratio	20-274-405302	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: 20-274-405302
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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