

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

Physician: Doctor, Example

Patient: Patient, Example

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

RUNX1-RUNX1T1 (AML1-ETO) t(8;21) Detection, Quantitative

ARUP test code 2010138

RUNX1-RUNX1T1 Result

Detected

RUNX1-RUNX1T1 (AML1-ETO) fusion transcripts were detected by RT-qPCR. This indicates the presence of t(8;21) positive cells in the sample.

This result has been reviewed and approved by Jay Patel, M.D.

INTERPRETIVE INFORMATION: RUNX1-RUNX1T1 (AML1-ETO) t(8;21) RT-PCR

This test is designed to detect t(8;21) RUNX1-RUNX1T1 (AML1-ETO), 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 RUNX1 and RUNX1T1 genes. Real time PCR and melt analysis are then performed to detect t(8;21).

Limitations:

Translocations involving other genes or gene partners will not be detected. Limit of detection for this test is 1 in 500 cells.

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 is not intended to detect minimal residual disease.

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

RUNX1-RUNX1T1/ABL1 Ratio

0.00059

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
RUNX1-RUNX1T1 Result	20-209-401783	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
RUNX1-RUNX1T1/ABL1 Ratio	20-209-401783	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: 20-209-401783
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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