

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

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

ARUP test code 2010138

RUNX1-RUNX1T1 Source	Bone Marrow
RUNX1-RUNX1T1 Result	<p>Weak Pos</p> <p>RUNX1-RUNX1T1 (AML1-ETO) fusion transcripts were detected by RT-qPCR but were below the limit of quantitation for this assay. A RUNX1-RUNX1T1 to ABL1 ratio cannot be calculated.</p> <p>This result has been reviewed and approved by ██████████</p> <p>INTERPRETIVE INFORMATION: RUNX1-RUNX1T1 (AML1-ETO) t(8;21) Quantitative</p> <p>This test is designed to detect and quantify RUNX1-RUNX1T1 (AML1-ETO) fusion transcripts which result from t(8;21);RUNX1-RUNX1T1, a recurrent genetic abnormality found in a subset of patients with acute myeloid leukemia.</p> <p>Methodology: Patient RNA is isolated, reverse transcribed into cDNA, and amplified using primers specific for the RUNX1 and RUNX1T1 genes. Each PCR assay includes a standard curve for RUNX1-RUNX1T1 and the ABL1 control and a normalized copy number (NCN) is calculated (#RUNX1-RUNX1T1 cDNA molecules/# ABL1 cDNA molecules).</p> <p>Limitations: Translocations involving other genes or gene partners will not be detected. Limit of detection for this test is 1 in 100,000.</p> <p>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.</p> <p>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.</p>
RUNX1-RUNX1T1/ABL1 Ratio	See Note

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
RUNX1-RUNX1T1 Source	22-105-127738	4/15/2022 12:20:00 PM	4/17/2022 8:42:34 AM	4/20/2022 1:49:00 PM
RUNX1-RUNX1T1 Result	22-105-127738	4/15/2022 12:20:00 PM	4/17/2022 8:42:34 AM	4/20/2022 1:49:00 PM
RUNX1-RUNX1T1/ABL1 Ratio	22-105-127738	4/15/2022 12:20:00 PM	4/17/2022 8:42:34 AM	4/20/2022 1:49:00 PM

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: 22-105-127738
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 2 | Printed: 7/20/2022 6:51:41 AM