

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: [REDACTED]/1964
Gender: Male
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 Source whole Blood

RUNX1::RUNX1T1 Result

Weak Pos

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. This result has been reviewed and approved by [REDACTED]

INTERPRETIVE INFORMATION: RUNX1::RUNX1T1 (AML1::ETO)
t(8;21) Quantitative

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.

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 (number of RUNX1::RUNX1T1 cDNA molecules/number of ABL1 cDNA molecules).

Limitations: Translocations involving other genes or gene partners will not be detected. Limit of detection for this test is 1 in 100,000.

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 U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

RUNX1::RUNX1T1/ABL1 Ratio

See Note

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
RUNX1::RUNX1T1 Source	26-112-106900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
RUNX1::RUNX1T1 Result	26-112-106900	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
RUNX1::RUNX1T1/ABL1 Ratio	26-112-106900	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
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 26-112-106900
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Page 2 of 2 | Printed: 5/1/2026 11:55:38 AM
4848