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

Physician: Doctor, Example

Patient: Patient, Example

DOB	[redacted]/1965
Gender:	Male
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

PML::RARA Detection by RT-PCR, Quantitative

ARUP test code 3018922

PML::RARA Translocation, Source	Whole Blood
PML::RARA Translocation, Result	Not Detected

PML::RARA fusion transcripts were not detected by RT-PCR. This result does not exclude the possibility of t(15;17) positive cells in the sample below the test limit of detection.

This result has been reviewed and approved by [redacted]

BACKGROUND INFORMATION: PML::RARA Translocation

This test is designed to detect t(15;17) PML::RARA, a recurrent genetic abnormality found in a subset of patients with acute myeloid leukemia. This test detects all three gene fusion patterns: type A (short, S-form, bcr-3), type B (long, L-form, bcr-1), and type B variant (variable, V-form, bcr-2).

Methodology:
Patient RNA is isolated, reverse transcribed into cDNA, and amplified using primers specific for the PML and RARA genes. Real time PCR is then performed to detect t(15;17). PML::RARA and ABL (control) transcripts are quantified. Results are reported as a normalized copy number (NCN) of PML::RARA fusion transcripts to ABL transcripts present in the sample.

Limitations:
Translocations involving other genes or gene partners and uncommon alternative transcripts will not be detected.

Limit of detection for this test is 1 in 10,000 cells. Limit of quantitation is greater than or equal to 0.0005 NCN.

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

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

PML::RARA Translocation, NCN	0.0000

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
PML::RARA Translocation, Source	26-013-110501	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PML::RARA Translocation, Result	26-013-110501	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
PML::RARA Translocation, NCN	26-013-110501	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