

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

Physician: Doctor, Example

Patient: Patient, Example

DOB 3/18/1990
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Acute Myeloid Leukemia Panel by FISH

ARUP test code 3016654

FISH AML Panel See Note (Ref Interval: Normal)

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

Test Performed: Acute Myeloid Leukemia Panel by FISH (FISHAML)
Specimen Type: Bone Marrow
Indication for Testing: AML FISH; elevated white blood cell count, unspecified

RESULT
Abnormal FISH Result

inv(3) or t(3;3) RPN1::MECOM Fusion: not detected
5q31 Deletion: not detected
Monosomy 7: not detected
7q31 Deletion: not detected
t(8;21) RUNX1::RUNX1T1 Fusion: not detected
11p15 NUP98 Rearrangement: DETECTED
11q23 (KMT2A) Rearrangement: not detected
inv(16) or t(16;16) CFBF::MYH11 Fusion: not detected

INTERPRETATION

This analysis showed signal patterns consistent with:
- 11p15 (NUP98) rearrangement in 167/200 (83.5 percent) cells scored. The rearrangement partner has not been identified by this assay.

The remaining probes showed normal results.

AML with NUP98 rearrangement is generally associated with an unfavorable prognosis.

Please correlate this result with clinical and other laboratory findings.

This analysis was performed with the AML panel probes RPN1/MECOM, D5S23/EGR1, D7Z1/D7S486, RUNX1/RUNX1T1 (Abbott Molecular), NUP98 and CFBF-MYH11 (MetaSystems), and MLL (KMT2A) (CytoCell). A total of 200 cells were scored for each probe.

Cytogenomic Nomenclature (ISCN):

nuc
ish(RPN1,MECOM)x2[200],(D5S23x2,EGR1x2)[200],(D7Z1x2,D7S486x2)[200],(RUNX1T1x2,RUNX1x2)[200],(NUP98x2)(3'NUP98 sep 5'NUP98x1)[167/200],(KMT2Ax2)[200],(MYH11,CFBF)x2[200]

This result has been reviewed and approved by [REDACTED]

A portion of this analysis was performed at the following location(s):
[REDACTED]

INTERPRETIVE INFORMATION: AML Panel by FISH

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.

EER AML Panel by FISH

See Note

Authorized individuals can access the ARUP Enhanced Report using the following link:
[REDACTED]

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
FISH AML Panel	23-275-123430	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER AML Panel by FISH	23-275-123430	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: 23-275-123430
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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