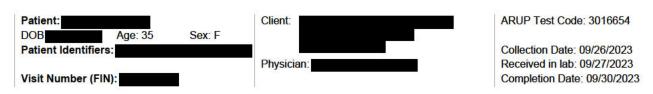


Acute Myeloid Leukemia Panel by FISH



Interpretation

Test Performed: Acute Myeloid Leukemia Panel by FISH (FISHAML)

Specimen Type: Bone Marrow

Indication for Testing: AML not having achieved remission

RESULT

Normal FISH Result

inv(3) or t(3;3) RPN1::MECOM Fusion: not detected

Deletion 5q: not detected Monosomy 7: not detected Deletion 7q: not detected

t(8;21) RUNX1::RUNX1T1 Fusion: not detected 11p15 (NUP98) Rearrangement: not detected 11q23 (KMT2A) Rearrangement: not detected

inv(16) or t(16;16) CBFB::MYH11 Fusion: not detected

INTERPRETATION

There was no evidence of RPN1::MECOM fusion due to 3q21/3q26.2 inversion or translocation, deletion 5q31, monosomy 7, deletion 7q31, RUNX1::RUNX1T1 fusion due to translocation (8;21)(q21.3;q22), 11p15 (NUP98) rearrangement, 11q23 KMT2A (MLL) rearrangement, or CBFB::MYH11 fusion due to either 16p13.1/16q22 inversion or translocation.

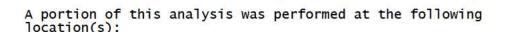
This analysis was performed with the AML panel probes RPN1/MECOM, D5S23/EGR1, D7Z1/D7S486, RUNX1/RUNX1T1 (Abbott Molecular), NUP98 and CBFB-MYH11 (MetaSystems), and MLL (KMT2A) (CytoCell). A total of 200 cells were scored for each probe.

Cytogenomic Nomenclature (ISCN):

nuc

ish(RPN1,MECOM,D5S23,EGR1,D7Z1,D7S486,RUNX1T1,NUP98,KMT2A,MYH11,CBFB,RUNX1)x2[200]

This result has been reviewed and approved by



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.









Patient: ARUP Accession: