

Patient: [REDACTED]  
DOB: [REDACTED] Age: 68 Sex: M  
Patient Identifiers: [REDACTED]  
Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
Physician: [REDACTED]

ARUP Test Code: 2011132  
Collection Date: 02/25/2022  
Received in lab: 02/26/2022  
Completion Date: 03/02/2022

## Interpretation

Specimen Received  
Specimen Type: Bone marrow  
Reason for Referral: AML panel  
Test Performed: FISH AML

### NORMAL FISH RESULTS

3q21.3q26.2 (RPN1/MECOM): translocation or inversion not detected  
5q31 (EGR1): deletion not detected  
7cen (D7Z1), 7q31 (D7S486): deletion / monosomy not detected  
t(8;21)(q22;q22) (RUNX1T1/RUNX1): translocation not detected  
11q23.3 (KMT2A; also known as MLL): rearrangement not detected  
16q22 (CBFB): rearrangement not detected

### DIAGNOSTIC IMPRESSION:

Fluorescence in situ hybridization (FISH) analysis was performed with the RPN1/MECOM, D5S23/EGR1, D7Z1, D7S486, RUNX1/RUNX1T1 (also known as AML1/ETO), CBFB (Abbott Molecular) and KMT2A (MLL) (Cytocell) probes. 200 interphase cells were scored for each probe combination.

This analysis showed normal results with no evidence of 3q21.3q26.2 translocation or inversion, deletion 5q31, monosomy 7, deletion 7q31, RUNX1T1-RUNX1 translocation, KMT2A rearrangement, or CBFB rearrangement.

ISCN:  
nuc  
ish(RPN1,MECOM,D5S23,EGR1,D7Z1,D7S486,RUNX1T1,KMT2A,CBFB,RUNX1)x2  
[200]

This result has been reviewed and approved by [REDACTED]

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

[REDACTED]

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: [REDACTED]  
ARUP Accession: 22-056-120021