

Patient: [REDACTED]  
DOB: [REDACTED] Age: 78 Gender: F  
Patient Identifiers: [REDACTED]  
Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
Physician: [REDACTED]

ARUP Test Code: 2011132  
Collection Date: 04/14/2020  
Received in lab: 04/15/2020  
Completion Date: 04/20/2020

**Interpretation**

Specimen Received  
Specimen Type: Bone Marrow  
Reason for Referral: Acute Leukemia of Unspecified Cell Type  
Test Performed: FISH, AML

-----  
NORMAL FISH RESULT  
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 (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, EGR1, D7Z1, D7S486, RUNX1/RUNX1T1 (also known as AML1/ETO), KMT2A (MLL), and CBFB probes (Abbott Molecular). 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,EGR1,D7Z1,D7S486,RUNX1T1,KMT2A,CBFB,RUNX1)x2 [200]

This result has been reviewed and approved by [REDACTED], Ph.D., FACMG

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: [aruplab.com/CS](http://aruplab.com/CS)



Patient: [REDACTED]  
ARUP Accession: 20-105-112089  
[REDACTED]