

Patient: [REDACTED]
DOB: [REDACTED] Age: 46 Gender: F
Patient Identifiers: [REDACTED]
Visit Number (FIN): [REDACTED]

Client: [REDACTED]
Physician: [REDACTED]

ARUP Test Code: 2011132
Collection Date: 04/01/2018
Received in lab: 04/02/2018
Completion Date: 04/06/2018

Interpretation

Specimen Received
Specimen Type: Bone marrow
Reason for Referral: AML
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 Julie Leana Cox, Ph.D., FACMG
Electronic Signature

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: aruplab.com/CS



Patient: [REDACTED]
ARUP Accession: 18-091-106168