

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

Unless otherwise indicated, testing performed at: