

Patient: [REDACTED]
DOB: [REDACTED] Age: 75 Gender: F
Patient Identifiers: [REDACTED]
Visit Number (FIN): [REDACTED]

Client: [REDACTED]
Physician: [REDACTED]

ARUP Test Code: 2002363
Collection Date: 04/27/2018
Received in lab: 04/28/2018
Completion Date: 04/29/2018

Interpretation

Specimen Received
Specimen Type: Bone Marrow
Reason for Referral: Neutropenia, r/o APL
Test Performed: FISH, PML

ABNORMAL FISH RESULT
t(15;17)(q24;q21) (PML;RARA): translocation present

DIAGNOSTIC IMPRESSION:
Fluorescence in situ hybridization (FISH) analysis was performed with the PML/RARA DF probe (Abbott Molecular).

This analysis showed evidence of a PML-RARA rearrangement in 167/200 (83.5 percent) interphase cells scored.

This translocation is consistent with the diagnosis of acute promyelocytic leukemia.

Reference:
Swerdlow SH, Campo E, Harris NL, Jaffe ES, Pileri SA, Stein H, Thiele J, Vardiman JW. (Eds.): WHO classification of Tumours of Haematopoietic and Lymphoid Tissues. IARC: Lyon 2008.

ISCN:
nuc ish(PMLx3,RARAx3)(PML con RARAx2)[167/200]

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: 18-117-132702