

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

Client: [REDACTED]  
Physician: [REDACTED]

ARUP Test Code: 2002363  
Collection Date: 12/22/2016  
Received in lab: 12/24/2016  
Completion Date: 12/25/2016

**Interpretation**

Specimen Received  
Specimen Type: Bone Marrow  
Reason for Referral: AML, PML  
Test Performed: FISH PML

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**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 156/200 (78.0 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)[156/200]

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

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



Patient: [REDACTED]  
ARUP Accession: 16-358-402253