

Patient: [REDACTED]  
DOB: [REDACTED] Age: 44 Gender: F  
Patient Identifiers: [REDACTED]  
Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
Physician: [REDACTED]

ARUP Test Code: 2002298  
Collection Date: 01/29/2019  
Received in lab: 01/31/2019  
Completion Date: 02/03/2019

**Interpretation**

Specimen Received  
Specimen Type: Bone Marrow  
Reason for Referral: CML, BCR/ABL Positive, Not Having Achieved Remission  
Test Performed: FISH, Interphase

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**ABNORMAL FISH RESULT**  
t(9;22)(q34;q11.2) (ABL1;BCR): translocation present

**DIAGNOSTIC IMPRESSION:**  
Fluorescence in situ hybridization (FISH) analysis was performed with the BCR/ABL1/ASS1 Tricolor Dual Fusion probe (Abbott Molecular).

This analysis showed evidence of t(9;22)(q34;q11.2) resulting in a fusion of ABL1 with BCR in 186/200 (93.0 percent) cells scored. This translocation was accompanied by a deletion across the ASS1/ABL1/BCR region on the derivative chromosome 9.

This finding is consistent with a diagnosis of a Philadelphia translocation positive leukemia.

**ISCN:**  
nuc ish(ASS1x1,ABL1x2,BCRx2)(ABL1 con BCRx1)[186/200]

This result has been reviewed and approved by Xinjie Xu, PhD, FACMG

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



Patient: [REDACTED]  
ARUP Accession: 19-029-136260  
[REDACTED]