Interpretation

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

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