500 Chipeta Way, Salt Lake City, Utah 84108-1221

phone: 801-583-2787, toll free: 800-522-2787

Jonathan R. Genzen, MD, PhD, Chief Medical Officer

Patient Age/Sex: Unknown

Specimen Collected: 31-Oct-25 13:41

FISH Interphase	**Received: 31-Oct-25 13:41**	**Report/Verified: 31-Oct-25 14:10**
Procedure	**Result**	**Units**	**Reference Interval**

Procedure	Result	Units	Reference Interval
FISH Interphase	See Note ^{f1 i1}		
EER FISH Interphase	See Note		

Result Footnote

f1:   FISH Interphase
       Test Performed: Chromosome FISH, Interphase (CHR FISHI)
       Specimen Type: Bone marrow
       Indication for Testing: CML

       RESULT
       Abnormal FISH Result

       t(9;22) BCR::ABL1 Fusion: DETECTED

       INTERPRETATION
       This analysis showed signal patterns consistent with BCR::ABL1 fusion due to translocation
       (9;22)(q34;q11.2) in 180/200 (90.0 percent) cells scored.

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

       Please correlate this result with clinical and other laboratory findings.

       This analysis was performed with the BCR/ABL1/ASS1 probes (Abbott Molecular). A total of 200 cells were
       scored.

       Cytogenomic Nomenclature (ISCN):
       nuc ish(ASS1x2,ABL1x3,BCRx3)(ABL1 con BCRx2)[180/200]

       This result has been reviewed and approved by ████████████████████████

       A portion of this analysis was performed at the following location(s):
       ███████████████████████

Test Information

i1:   FISH Interphase
       INTERPRETIVE INFORMATION: FISH Interphase

       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.

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*=Abnormal, #=Corrected, C=Critical, f=Result Footnote, H-High, i-Test Information, L-Low, t-Interpretive Text, @=Performing lab

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Unless otherwise indicated, testing performed at:

ARUP Laboratories

500 Chipeta Way, Salt Lake City, UT 84108

Laboratory Director: Jonathan R. Genzen, MD, PhD

ARUP Accession:	25-304-900137
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