MAYO CLINIC LABORATORIES

1-800-533-1710

BCRFX

BCR/ABL1 Reflex, Qual/Quant

Patient ID	Patient Name		Birth Date	Gender	Age
SA00130360	TESTINGRNV, VALIDATION		1999-09-09	M	20
Order Number	**Client Order Number**	**Ordering Physician**	**Report Notes**		
SA00130360	SA00130360	CLIENT,CLIENT			
Account Information		**Collected**			
C7028846 DLMP Rochester		22 Jun 2020 07:00			

BCR/ABL1 Reflex, Qual/Quant

Specimen Type MCR

Bone marrow

BCR/ABL1 Reflex Result MCR

see interpretation

Interpretation (1) MCR

Bone marrow, BCR/ABL1 mRNA analysis qualitative:

Positive for BCR/ABL1 mRNA. The detected transcript e13/e14-a2, which produces a p210 kD protein. The quantitative level of BCR/ABL1 e13/e14-a2 is estimated to represent 50.0% total ABL1 (%BCR/ABL1(p210)):ABL1)

% BCRABL1 (p210):ABL1 in this assay is reported using the International Scale (IS) (Ref:Baccarani M, et al. Blood:122–872–884; Press RD, et al. J Mol Diagn 2013;15:565–576).

Method summary: The presence or absence of BCR/ABL1 mRNA transcripts was evaluated using a qualitative, reverse transcription PCR-based assay. The qualitative assay detects nearly all published and theoretical BCR/ABL1 fusion forms including the common e13/e14-a2 (p210) and e1-a2 (p190) transcripts, as well as other rarer variants (e.g. e19-a2 (p230), e13/e14-a3, e1-a3, etc.). The corresponding BCR-ABL1 p210 mRNA transcript level was determined using quantitative, reverse transcription PCR. The limit of detection for this reflex assay is 0.1%, which is determined by the sensitivity of the qualitative PCR component. Based on the identified fusion form, for future quantitative monitoring, please order test BCRAB (BCR/ABL1, p210, Quant, Monitor) for a p210 fusion form. Please contact the lab at 855–516–8404 with questions or if additional testing is required. See Mayo Clinic Laboratories Test Catalog for additional method details.

Signing Pathologist: BENJAMIN BAILEY

Received: 23 Jun 2020 16:04 **Reported:** 24 Jun 2020 10:06

Laboratory Notes

(1) This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292