

***BCR::ABL1*, Qualitative, Diagnostic Assay, Varies**

Test ID: BADX

Explanation: Ordering guidance will be updated on the effective date to include the newly available monitoring test, BARQ.

Current Ordering Guidance

This test is only qualitative and should not be used for routine monitoring (ie, quantitative messenger RNA [mRNA] level).

Monitoring of most patients with chronic myeloid leukemia should be performed using BCRAB / *BCR/ABL1*, p210, mRNA Detection, Reverse Transcription-PCR (RT-PCR), Quantitative, Monitoring Chronic Myelogenous Leukemia (CML), Varies.

Monitoring of patients known to carry a p190 fusion should be performed using BA190 / *BCR/ABL1*, p190, mRNA Detection, Reverse Transcription-PCR (RT-PCR), Quantitative, Monitoring Assay, Varies.

Additional testing options are available. For ordering guidance see [BCR/ABL1 Ordering Guide for Blood and Bone Marrow](#)

Updated Ordering Guidance

This test is qualitative only and **should not** be used for routine monitoring (ie, quantitative messenger RNA [mRNA] level).

To monitor patients carrying *BCR::ABL1* fusion forms coding for the p190 (e1/a2) protein, order BA190 / *BCR::ABL1*, p190, mRNA Detection, Reverse Transcription-PCR (RT-PCR), Quantitative, Monitoring Assay, Varies.

To monitor patients carrying *BCR::ABL1* fusion forms coding for the p210 (e13/a2 or e14/a2) protein, order BCRAB / *BCR::ABL1*, p210, mRNA Detection, Reverse Transcription-PCR (RT-PCR), Quantitative, Monitoring Chronic Myeloid Leukemia (CML), Varies.

To monitor patients carrying rare *BCR::ABL1* fusion forms coding for e19a2, e13/e14a3, e1a3, e6a2, e19a3, e8a2, e12a2, e6a3, e8a3, and e12a3, order BARQ / *BCR::ABL1*, Rare Fusion Monitoring, Quantitative, Varies.

If patient has previous positive history of p190, p210, or rare fusion forms, this test will be cancelled and one of the following applicable correct monitoring tests will be added:

-BA190 / *BCR::ABL1*, p190, mRNA Detection, Reverse Transcription-PCR (RT-PCR), Quantitative, Monitoring Assay, Varies

-BCRAB / *BCR::ABL1*, p210, mRNA Detection, Reverse Transcription-PCR (RT-PCR), Quantitative, Monitoring Chronic Myeloid Leukemia (CML), Varies

-BARQ / *BCR::ABL1*, Rare Fusion Monitoring, Quantitative, Varies

Questions

Contact Melissa Lonzo, Laboratory Resource Coordinator at 800-533-1710.