HOTLINE: Effective November 14, 2022

New Test **3005840** **Quantitative Detection of BCR-ABL1, Major Form (p210)** **QNT BCR MAJ**

Time Sensitive

Additional Technical Information

Methodology: Reverse Transcription Polymerase Chain Reaction
Performed: **RNA isolation:** Sun-Sat
Assay: Varies
Reported: 5-9 days

Specimen Required: Collect: Whole blood or bone marrow in lavender (EDTA).
Specimen Preparation: **Whole blood:** Transport 5 mL whole blood. (Min: 3 mL)
Bone marrow: Transport 3 mL bone marrow. (Min: 1 mL)
Refrigerate immediately. Specimens must be received within 48 hours of collection due to lability of RNA.
Storage/Transport Temperature: **Whole blood and bone marrow**: CRITICAL REFRIGERATED. Separate specimens must be submitted when multiple tests are ordered.
Remarks: **This quantitative test is recommended for therapeutic monitoring and detection of minimal residual disease for patients with an established diagnosis**. For patients with uncertain diagnoses or unknown forms of *BCR-ABL1* fusion transcripts, please order 3005839 Diagnostic Qualitative *BCR-ABL1* Assay with Reflex to p190 or p210 Quantitative Assays.
Unacceptable Conditions: Serum, plasma, ambient or frozen bone marrow or whole blood, CSF, or FFPE tissue. Specimens collected in anticoagulants other than EDTA. Severely hemolyzed or clotted specimens.
Ambient whole blood and ambient bone marrow specimens past 7 days will be canceled. Refrigerated whole blood or bone marrow past 7 days will be canceled.
Stability (collection to initiation of testing): Ambient: Unacceptable; Refrigerated: 48 hours; Frozen: Unacceptable

Interpretive Data:
Refer to report.

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.

Note: This test does not detect the *BCR-ABL1* micro (p230) or minor (p190) fusion transcripts. This test does not detect rare *BCR-ABL1* major (p210) forms involving beyond *ABL1* exon 2.

For the p190 fusion form (minor breakpoint), order *BCR-ABL1*, Minor (p190), Quantitative (ARUP test code 2005016).

CPT Code(s): 81206

New York DOH approval pending. Call for status update.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.