

HOTLINE: Effective February 18, 2020

<b>2005010</b>	<b><i>BCR-ABL1</i>, Qualitative with Reflex to <i>BCR-ABL1</i> Quantitative</b>	<b>BCR RFLX</b>
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**Performed:** RNA isolation: Sun-Sat

Assay: Sun-Sat

**Reported:** 4-8 days

**Specimen Required:** Collect: Lavender (EDTA) or bone marrow (EDTA). Sodium Heparin Whole Blood or Bone Marrow. Also acceptable: RNA extracted by CLIA certified lab.

Specimen Preparation: **Whole Blood:** Transport 5 mL whole blood. (Min: 4 mL)

**Bone Marrow:** Transport 3 mL bone marrow. (Min: 1 mL)

**Specimens must be received within 48 hours of collection due to lability of RNA.**

**Extracted RNA:** Transport 40 uL RNA with at least 40 ng/uL concentration. (Min: 40 uL) Transport RNA in a tissue transport kit (ARUP Supply #47808) available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787.

Storage/Transport Temperature: **Whole Blood or Bone Marrow:** CRITICAL REFRIGERATED. Separate specimens must be submitted when multiple tests are ordered.

**Extracted RNA:** CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.

Unacceptable Conditions: Serum, plasma, CSF, extracted DNA, RNA extracted by a non-CLIA lab, bone core, or FFPE tissue.

Specimens collected in anticoagulants other than indicated. Severely hemolyzed or clotted specimens.

Stability (collection to initiation of testing): Ambient: 1 hour; Refrigerated: 48 hours; Frozen: Unacceptable

**Extracted RNA:** Ambient: Unacceptable; Refrigerate: Unacceptable; Frozen: Indefinitely

**Note:** This reflex assay is recommended when the *BCR-ABL1* fusion form is not known or unclear. This reflex assay detects the presence of either the p210 (major breakpoint), p190 (minor breakpoint), or p230 (micro breakpoint). If the presence of either the p210 or p190 *BCR-ABL1* fusion is detected, then the appropriate quantitative test will be performed. Additional charges apply.

If the fusion form is known, refer to *BCR-ABL1*, Major (p210), Quantitative (ARUP test code 2005017) or *BCR-ABL1*, Minor (p190), Quantitative (ARUP test code 2005016).

**CPT Code(s):** 81206; 81207; 81208; If reflexed, add 81206 or 81207