

HOTLINE: Effective August 19, 2019

2010138

RUNX1-RUNXIT1 (AML1-ETO) t(8;21) Detection, Quantitative

AML1-ETO Q

Specimen Required: Collect: Lavender (EDTA) or bone marrow (EDTA). **Also acceptable: RNA extracted by CLIA certified lab.**

Specimen Preparation: **Whole Blood:** Transport 5 mL whole blood. (Min: 1 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 EDTA. 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