Specimen Required: Collect: Lavender (EDTA), bone marrow (EDTA), or tissue. Also acceptable: DNA extracted by CLIA certified lab.

Specimen Preparation: Whole Blood: Do not freeze. Transport 5 mL. (Min: 1 mL)

Bone marrow: Do not freeze. Transport 3 mL. (Min: 1 mL)

Fresh Tissue: Freeze immediately. Transport 100 mg or 0.5-2.0 cm³ tissue

FFPE Tumor Tissue: Formalin fix (10 percent neutral buffered formalin) and paraffin embed tissue. Protect from excessive heat. Tissue block will be returned after testing. Transport tissue block or four 10-micron shavings in a tissue transport kit (ARUP Supply #47808) available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787.

Extracted DNA: Transport 40uL DNA with at least 50 ng/uL concentration. Transport DNA 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, Bone Marrow or Extracted DNA: Refrigerated.

Fresh Tissue: Frozen on dry ice.

FFPE Tumor Tissue: Room temperature. Also acceptable: Refrigerated. Ship in cooled container during summer months.

Unacceptable Conditions: Plasma, serum, frozen tissue, DNA extracted by a non-CLIA lab. Specimens collected in anticoagulants other than EDTA or sodium heparin. Clotted or grossly hemolyzed specimens. Specimens fixed/processed in alternative fixatives or heavy metal fixatives (B-4 or B-5) or tissue sections on slides. Decalcified specimens.

Stability (collection to initiation of testing): Whole Blood or Bone Marrow: Ambient: 24 hours; Refrigerated: 5 days; Frozen: Unacceptable

Fresh Tissue: Ambient: Unacceptable; Refrigerated: 2 hours; Frozen: 1 year

FFPE Tumor Tissue: Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacceptable

Extracted DNA: Ambient: 1 month; Refrigerate: Indefinitely; Frozen: Indefinitely