**B-Cell Clonality Screening (IgH and IgK) by PCR**

**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 whole blood. (Min: 1mL)
- **Bone Marrow:** Do not freeze. Transport 3mL bone marrow. (Min: 1mL)
- **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 40 uL DNA with at least 50 ng/uL concentration. (Min: 40 uL) 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