2002498  

**BRAF Codon 600 Mutation Detection by Pyrosequencing**  

**BRAF PCR**

**Specimen Required:** Collect: Tumor tissue. Also acceptable: DNA extracted by CLIA certified lab with corresponding client-circled H&E slide.

**Specimen Preparation:** 
- **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 5 unstained 5 micron slides. (Min: 3 slides).
- **Transport** block and/or slide(s) 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 μL DNA with at least 50 ng/μL concentration. (Min: 40 μL) 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:** Room temperature. Also acceptable: Refrigerated. Ship in cooled container during summer months.

**Extracted DNA:** Refrigerated.

**Remarks:** Include surgical pathology report.

**Unacceptable Conditions:** Less than 25 percent tumor. DNA extracted by a non-CLIA lab. DNA extracted without a corresponding circled H&E slide. Specimens fixed/processed in alternative fixatives (alcohol, Prefer) or heavy metal fixatives (B-4 or B-5). Decalcified specimens.

**Stability (collection to initiation of testing):** Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacceptable

**Extracted DNA:** Ambient: 1 month; Refrigerated: Indefinitely; Frozen: Indefinitely