

---

**2007991 Solid Tumor Mutation Panel by Next Generation Sequencing****SOLID NGS****Specimen Required:** Collect: Tumor tissue.

Specimen Preparation: Formalin fix (10 percent neutral buffered formalin) and paraffin embed tissue. **Diff-Quik and Papanicolaou stained cytology smears are also acceptable. Number of slides needed is dependent on the tumor cellularity of the smear. Slide(s) will be destroyed during testing process and will not be returned to client.** Protect from excessive heat. Transport block and/or slides in a tissue transport kit (ARUP supply #47808) available online through eSupply using ARUP Connect™ or contact ARUP Client Services at (800) 522-2787.

**Resections:** **Transport** 8 unstained 5-micron slides. (Min: 5 slides)

**Small Biopsies:** **Transport** 15 unstained 5-micron slides. (Min: 10 slides)

Storage/Transport Temperature: Room temperature. **Also acceptable: Refrigerated.** Ship in cooled container during summer months.

Remarks: Include surgical pathology report.

Unacceptable Conditions: Less than 10 percent tumor. Specimens fixed/processed **in heavy** metal fixatives. Decalcified specimens.

**FNA smears with less than 50 tumor cells.**

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

**Reference Interval:** **By report**