

0051740

Microsatellite Instability (MSI), HNPCC/Lynch Syndrome, by PCR

MSI PCR

Specimen Required: Collect: Tumor **AND** normal epithelial tissue. **Also acceptable: DNA extracted by CLIA certified lab.**

Specimen Preparation: **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(s) or 10 unstained 5-micron slides (5 tumor and 5 normal epithelial). (Min: 3 tumor tissue and 3 normal epithelial tissue slides) Transport block(s) 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 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: 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 or less than 50 percent normal epithelial tissue. **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