

**TEST CHANGE**

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

3004277, MSIPCR

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Tumor AND normal epithelial tissue.

**Specimen Preparation:** Tissue: Formalin fix (10 percent neutral buffered formalin) and paraffin embed tissue. Protect from excessive heat. Transport tissue block(s) or 10 unstained 5-micron slides (5 tumor and 5 normal epithelial). Transport block(s) and/or slide(s) in a tissue transport kit (ARUP Supply #47808) available online through eSupply using ARUP Connect(TM) or contact ARUP Client Services at 800-522-2787.

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

**Unacceptable Conditions:** Less than 25 percent tumor or less than 50 percent normal epithelial tissue.  
Specimens fixed in any fixative other than 10 percent neutral buffered formalin.  
Bone specimens submitted in non-EDTA decalcifier.

**Remarks:** Include surgical pathology report.  
If multiple specimens (blocks or slides) are sent to ARUP, they must be accompanied by one of the following: an order comment indicating that the ARUP pathologist should choose the specimen most appropriate for testing (e.g., "Choose best block"), or individual orders for each sample submitted. A Pathologist Block Selection Fee (ARUP test code 3002076) will be added to orders that utilize the first option. If multiple specimens are sent to ARUP without a request for pathologist block/slide selection or individual orders, they will be held until clarification is provided.

**Stability:** Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacceptable

**Methodology:** Capillary Electrophoresis / Polymerase Chain Reaction (PCR)

**Note:**

**CPT Codes:** 81301

**New York DOH Approval Status:** This test is New York DOH approved.

**Interpretive Data:**

Refer to report.

**Reference Interval:**

**HOTLINE NOTE:** There is a prompt change associated with this test. Refer to the Hotline Test Mix for interface build information.