

HOTLINE: Effective August 19, 2019

2009310

MGMT Promoter Methylation Detection

MGMT

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 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. Ship in cooled container during summer months.

Extracted DNA: Refrigerated.

Remarks: Include surgical pathology report.

Unacceptable Conditions: Specimens fixed/processed in alternative fixatives (alcohol, Prefer) or heavy metal fixatives (B-4 or B-5). Decalcified specimens. Less than 25 percent tumor.

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

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