

NEW TEST – Available Now

[Click for Pricing](#)

Somatic *TP53* Mutations in Formalin-Fixed, Paraffin-Embedded (FFPE) Tissue

3017688, TP53 FFPE

Specimen Requirements:

Patient Preparation:

Collect:

Tumor tissue.

New York State Clients: Paraffin-embedded tissue.

Specimen Preparation:

Formalin-fixed (10 percent neutral buffered formalin) and paraffin-embedded tissue.

Diff-Quik- and Papanicolaou-stained cytology smears are also acceptable. Number of slides needed for testing 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^{ur} 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)

New York State Clients: Submit 7-10 unstained slides cut at 10 microns thick.

Transport Temperature:

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

New York State Clients: Refrigerated. Also acceptable: Room temperature.

Unacceptable Conditions:

Less than 10 percent tumor. Specimens fixed in any fixative other than 10 percent neutral buffered formalin. Decalcified specimens processed in a non-EDTA decalcifier. FNA smears with less than 50 tumor cells.

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:

Qualitative Massively Parallel Sequencing

Note:

Gene Tested: *TP53* (NM_000546.5) exons 2-11

CPT Codes:

81351, 81352

New York DOH Approval Status:

Specimens from New York clients will be sent out to a New
York DOH approved laboratory, if possible.

Interpretive Data:

Refer to report.

Reference Interval:

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.