

HOTLINE: Effective February 18, 2020

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**New Test**      **3002135**      **1p19q Deletion by FISH and IDH1 R132H Point Mutation by Immunohistochemistry with Reflex to IDH1 and IDH2 Mutation Analysis, Exon 4**      **OLIGO PAN**



Additional Technical Information

**Methodology:** Fluorescence in situ Hybridization/Immunohistochemistry/Polymerase Chain Reaction/Sequencing  
**Performed:** Mon-Fri  
**Reported:** 1-7 days, add 8-14 days if reflexed

**Specimen Required:** Collect: Tumor tissue.  
Specimen Preparation: Formalin fix (10 percent neutral buffered formalin is preferred) and paraffin embed specimen. Protect paraffin block and/or slides from excessive heat. Transport tissue block or 10 unstained (5-micron thick sections), positively charged 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. (Min. 6 slides) If sending precut slides, do not oven bake.  
Storage/Transport Temperature: Room temperature. Also acceptable: Refrigerated. Ship in cooled container during summer months.  
Remarks: Include surgical pathology report.  
Unacceptable Conditions: Paraffin block with less than 25 percent tumor tissue. 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

**Interpretive Data:** Refer to report.

See Compliance Statement B: [www.aruplab.com/CS](http://www.aruplab.com/CS)

**Note:** This test code includes pathologist interpretation.

Negative IDH1 IHC results will reflex to IDH1 and IDH2 Mutation Analysis, Exon 4, to assess for less common IDH mutations. Additional charges apply.

The 1p19q FISH probe is added automatically and is performed along with IDH1 by Immunohistochemistry. However, due to the potential for IDH1 to reflex and the longer turnaround time for IDH1-2 gene sequencing, the result of 1p19q FISH testing is reported as soon as available and is charged separately.

**CPT Code(s):** 88342, 88377 x2, if reflexed add 88381; 81120; 81121

New York DOH Approved.

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