



# Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



## H3K27me3

### Methodology

Immunohistochemistry (IHC)

### Test Description

H3K27me3 (trimethylation at lysine 27 of histone H3) is involved in the modification of DNA by protein Histone H3. Complete loss of H3K27me3 expression by immunohistochemistry can be useful in the diagnosis of malignant peripheral nerve sheath tumors (MPNST).

**Clone:** C36B11

**Staining pattern:** Nuclear

### Specimen Requirements

- A formalin-fixed, paraffin-embedded (FFPE) tissue block is preferred specimen type or
- One (1) unbaked, unstained slide for H&E staining (required) and two to three (2-3) positively charged unstained slides (all cut at 4-5 microns) for each test/antibody ordered
- **Note:** Block and slide identifiers should be clearly written and match exactly with the specimen ID and specimen labeling as noted on the requisition.

### Storage & Transportation

Use cold pack for transport. Make sure cold pack is not in direct contact with specimen.

### CPT Code(s)\*

88342x1 or 88341x1

### New York Approved

Yes

### Level of Service

Stain Only

### Turnaround Time

24 Hours

\*The CPT codes provided with our test descriptions are based on AMA guidelines and are for informational purposes only. Correct CPT coding is the sole responsibility of the billing party.

Please direct any questions regarding coding to the payor being billed.

NeoGenomics Laboratories is a specialized oncology reference laboratory providing the latest technologies, testing partnership opportunities, and interactive education to the oncology and pathology communities. We offer the complete spectrum of diagnostic services in molecular testing, FISH, cytogenetics, flow cytometry, and immunohistochemistry through our nation-wide network of CAP-accredited, CLIA-certified laboratories.

Committed to research as the means to improve patient care, we provide Pharma Services for pharmaceutical companies, in vitro diagnostic manufacturers, and academic scientist-clinicians. We promote joint publications with our client physicians. NeoGenomics welcomes your inquiries for collaborations. Please contact us for more information.

\*The CPT codes provided with our test descriptions are based on AMA guidelines and are for informational purposes only. Correct CPT coding is the sole responsibility of the billing party.

Please direct any questions regarding coding to the payor being billed.



9490 NeoGenomics Way  
Fort Myers, FL 33912  
Phone: 239.768.0600/ Fax: 239.690.4237  
neogenomics.com

© 2024 NeoGenomics Laboratories, Inc. All Rights Reserved.  
All other trademarks are the property of their respective owners  
Rev. 050424