



# Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.





## p16

### Methodology

Immunohistochemistry (IHC)

### Test Description

p16 (p16 -INK4a, p16-MTS1, inhibitor of CDK4) is the product of the *CDKN2* gene. It inhibits the progression of the cell cycle through the G1 phase. p16 is a candidate tumor suppressor, whose gene is frequently deleted or mutated in tumors such as melanomas, gliomas, esophageal, pancreatic, lung, and urinary bladder carcinomas, and some types of leukemias. p16 expression is associated with high-risk human papillomavirus in cervical cancer and head and neck tumors.

### 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
- 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)\*

88342 x 1 or 88341 x 1

### New York Approved

Yes

### Level of Service

Global, Stain Only

### Turnaround Time

Global: 48 hours, Tech-Only (stain only): 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.

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

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Rev. 050324