



Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



Perforin

Methodology

Immunohistochemistry (IHC)

Test Description

Perforin is a protein found in cytoplasmic granules of cytotoxic T-lymphocytes (CTLs). CTLs bind to cells that express foreign antigens and induce them to lyse. Perforin expression is significantly induced in CD8 positive T-cells, but to lesser extent in gamma/delta T-cells and NK cells. This antibody may be of value in the detection of perforin in CTLs in severe cases of graft versus host disease, chronic renal rejection and peripheral T-cell lymphomas. In addition, perforin antibody may also be useful for the detection of NK cell lymphomas, all of which express the perforin protein.

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

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.

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