



# Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



# High Sensitivity PNH Evaluation

## Methodology

Flow Cytometry

## Test Description

Markers are CD14, CD15, CD24, CD45, CD59, CD64, CD235a (Glycophorin A), and FLAER. In validation studies, this assay was shown to detect RBC and granulocyte PNH clones with frequency down to 0.01%.

## Clinical Significance

Useful for diagnosis of PNH (paroxysmal nocturnal hemoglobinuria) and monitoring response to therapy. Small PNH clones may also be identified in patients with aplastic anemia and MDS who may respond to immune modulation therapy. Also identifies patients at increased risk of developing overt PNH. This assay is consistent with International Clinical Cytometry Society (ICCS) Guidelines. NeoGenomics no longer performs PNH testing on bone marrow specimens.

## Specimen Requirements

- **Peripheral blood:** 1-2 mL EDTA preferred. Sodium heparin is acceptable. Lithium heparin or ACD (pale yellow/no gel separator) is not acceptable. Please provide a recent CBC report. Bone marrow specimens are also not acceptable.
- **NY Clients:** Please provide Date and Time of Collection and recent transfusion history.

## Storage & Transportation

**Specimens should be received at NeoGenomics within 48 hours from collection to assure sample integrity and acceptable cell viability. Note: New York State samples must be received within 48 hours from collection per NYS requirements.** Refrigerate specimen. Do not freeze. Use cold pack for transport, making sure cold pack is not in direct contact with specimen.

## CPT Code(s)\*

88184x1, 88185x7, 88187x1

## New York Approved

Yes

## Level of Service

Technical, Global

## 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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