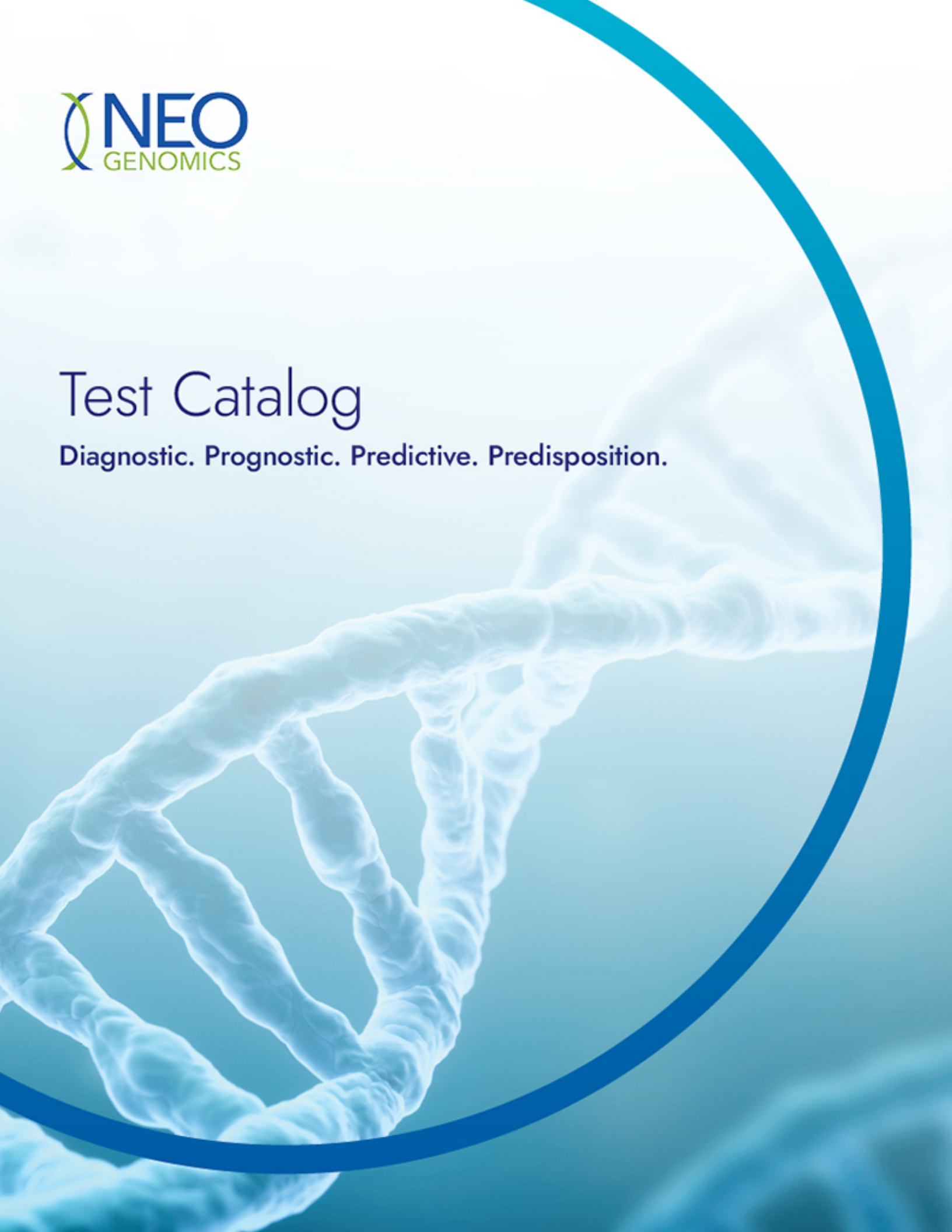
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



NOTCH1 Mutation Analysis

Alternative Name
NOTCH1 Gene Sequencing

Methodology
Molecular

Test Description
Bi-directional sequencing of exons 26, 27, and 34 is performed for detection of sequence variant mutations. Testing can be performed on plasma when adequate leukemic cells are not available.

Clinical Significance
NOTCH1 mutations are common in T-ALL, CLL, and mantle cell lymphoma. Mutations in ALL are associated with good prognosis, while mutations in CLL and mantle cell lymphoma are associated with poor prognosis.

Specimen Requirements
- **Peripheral blood:** 5 mL in EDTA tube.
- **Bone marrow:** 2 mL in EDTA tube.

Note: Test is DNA-based. Please select Extract & Hold - DNA if specimen hold service is desired.

Storage & Transportation
Use cold pack for transport, making sure cold pack is not in direct contact with specimen.

CPT Code(s)*
81407

New York Approved
No

Level of Service
Global

Turnaround Time
10 days

*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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