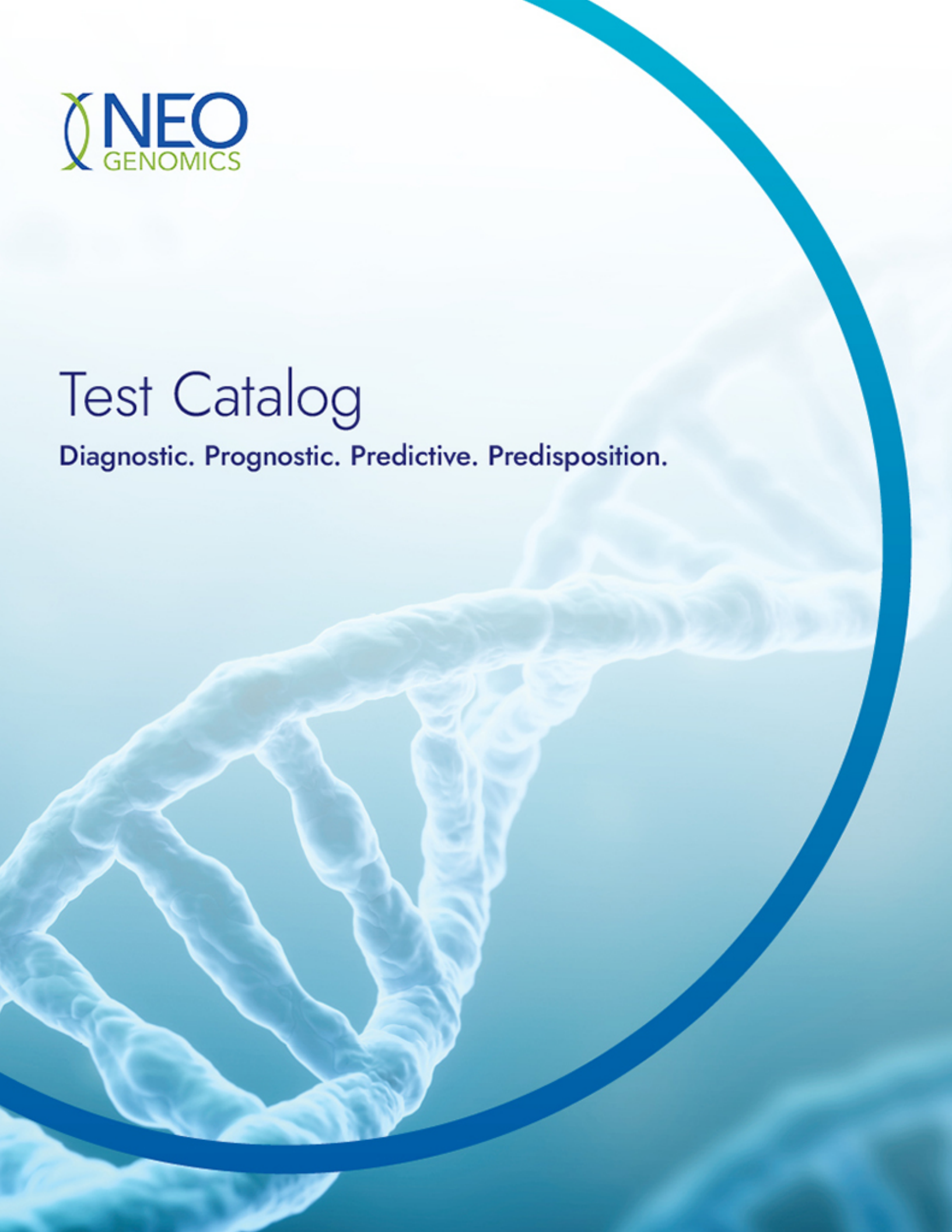
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



IgH Clonality by NGS

Methodology
Molecular

Test Description
The IgH Clonality by NGS assay detects clonal populations of B-lymphocytes in a given patient sample through the analysis of the VDJ segment of the immunoglobulin heavy chain (IgH) gene.

Clinical Significance
The IgH Clonality by NGS test is designed to detect clonal populations of B-lymphocytes in a given patient sample through the analysis of the VDJ segment of the immunoglobulin heavy chain (IgH) gene. Detecting the presence of clonal B-lymphocyte populations is important for the diagnosis of B-cell lymphoma or leukemia. Additionally, this test provides important information on somatic hypermutations in the neoplastic clone as well as tumor heterogeneity. The presence of more than one clone or subclones within the B-cell lymphoma/leukemia cells can also be determined by this assay.

The IgH Clonality by NGS test is also useful for monitoring patients with B-cell lymphoma/leukemia due to its high sensitivity and its quantitative nature. Using this technology has been reported to be reliable in monitoring patients with diffuse large B-cell lymphoma (DLBCL) and acute lymphoblastic lymphoma (ALL).

Specimen Requirements
- **Peripheral blood:** 5 mL in EDTA tube
- **Bone marrow:** 2 mL in EDTA tube
- **FFPE tissue:** Paraffin block is preferred. Alternatively, send 1 H&E slide plus 5-10 unstained slides cut at 5 or more microns. Please use positively-charged slides and 10% NBF fixative. Do not use zinc fixatives.
- **Note:** Please exclude biopsy needles, blades, and other foreign objects from transport tubes. These can compromise specimen viability and yield, and create hazards for employees.

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

Storage & Transportation
Refrigerate fresh tissue until shipping. For all specimens, use cold pack for transport. Make sure cold pack is not in direct contact with specimen. Ship same day as drawn whenever possible; specimens <72 hours old preferred.

CPT Code(s)*
81263x1

New York Approved
No

Level of Service
Global

Turnaround Time

14 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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