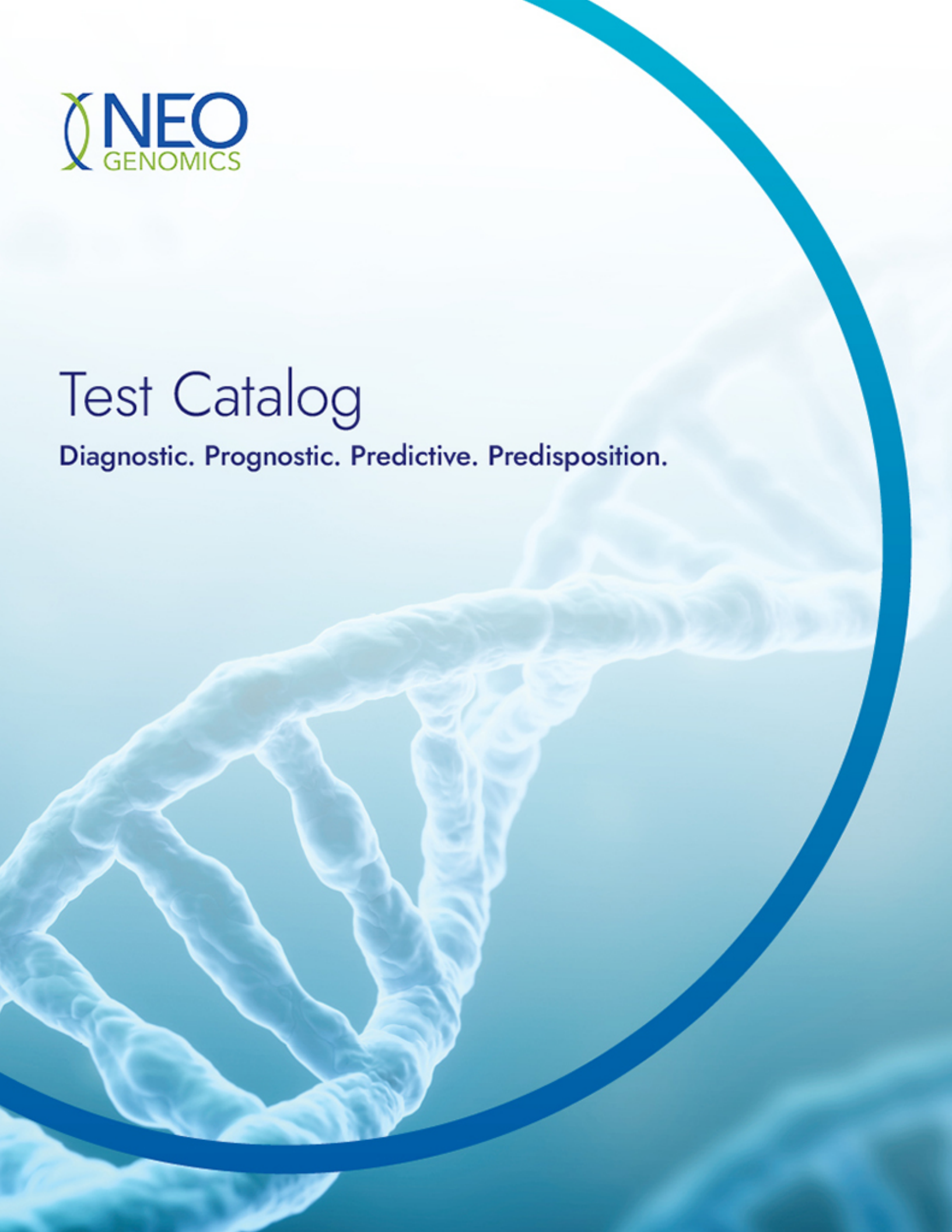
NEO GENOMICS

# Test Catalog

**Diagnostic. Prognostic. Predictive. Predisposition.**



# IgVH Mutation Analysis

## Methodology
Molecular

## Test Description
RT-PCR and bi-directional sequencing of the variable region of the immunoglobulin heavy chain for detection of mutation from germline sequence. The mutated VH gene family is identified in positive reports (>2% sequence deviation). Mutation may not be detectable in specimens containing <10% clonal B-cells.

## Clinical Significance
IgVH mutation is a significant prognostic marker in chronic lymphocytic leukemia (CLL). IgVH mutation analysis combined with FISH, ZAP-70, and beta-2 microglobulin measurement provide comprehensive prognostic assessment and may be used to determine the approach to therapy for all CLL patients.

## Specimen Requirements
- **Peripheral blood:** 5 mL in EDTA tube (Preferred); Sodium Heparin (Acceptable).
- **Bone marrow:** 2 mL in EDTA tube (Preferred); Sodium Heparin (Acceptable).

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

## Storage & Transportation
Use cold pack for transport, making sure cold pack is not in direct contact with specimen. Ship same day as drawn whenever possible; specimens <14 days old preferred.

## CPT Code(s)*
81263

## New York Approved
Yes

## 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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