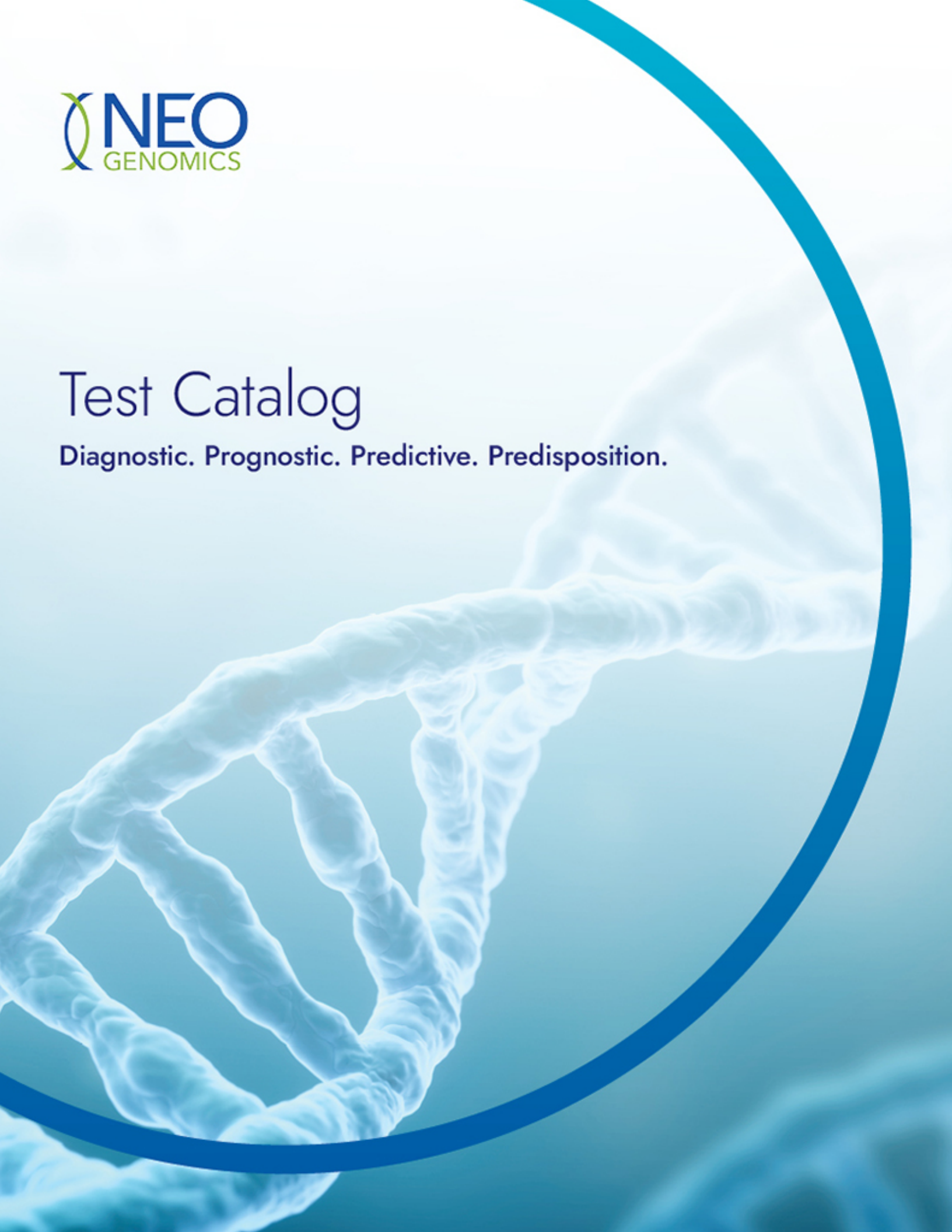
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



FLT3 Mutation Analysis

Alternative Name
FLT3, FLT3 TKD, FLT3 ITD

Methodology
Molecular

Test Description
Detection of internal tandem duplication and exon 20 tyrosine kinase domain (TKD) mutations using fragment-length analysis and PCR. Positive results identify presence of TKD mutations or report ITD results quantitatively as allelic ratio.

Clinical Significance
Testing for FLT3 and other gene mutations in AML patients with intermediate-risk cytogenetic abnormalities can improve risk stratification. The presence of an FLT3 mutation in a patient with AML implies aggressive disease.

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: 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)*
81245, 81246

Medicare MolDX CPT Code(s)*
81479

New York Approved
Yes

Level of Service
Global

Turnaround Time
5 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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