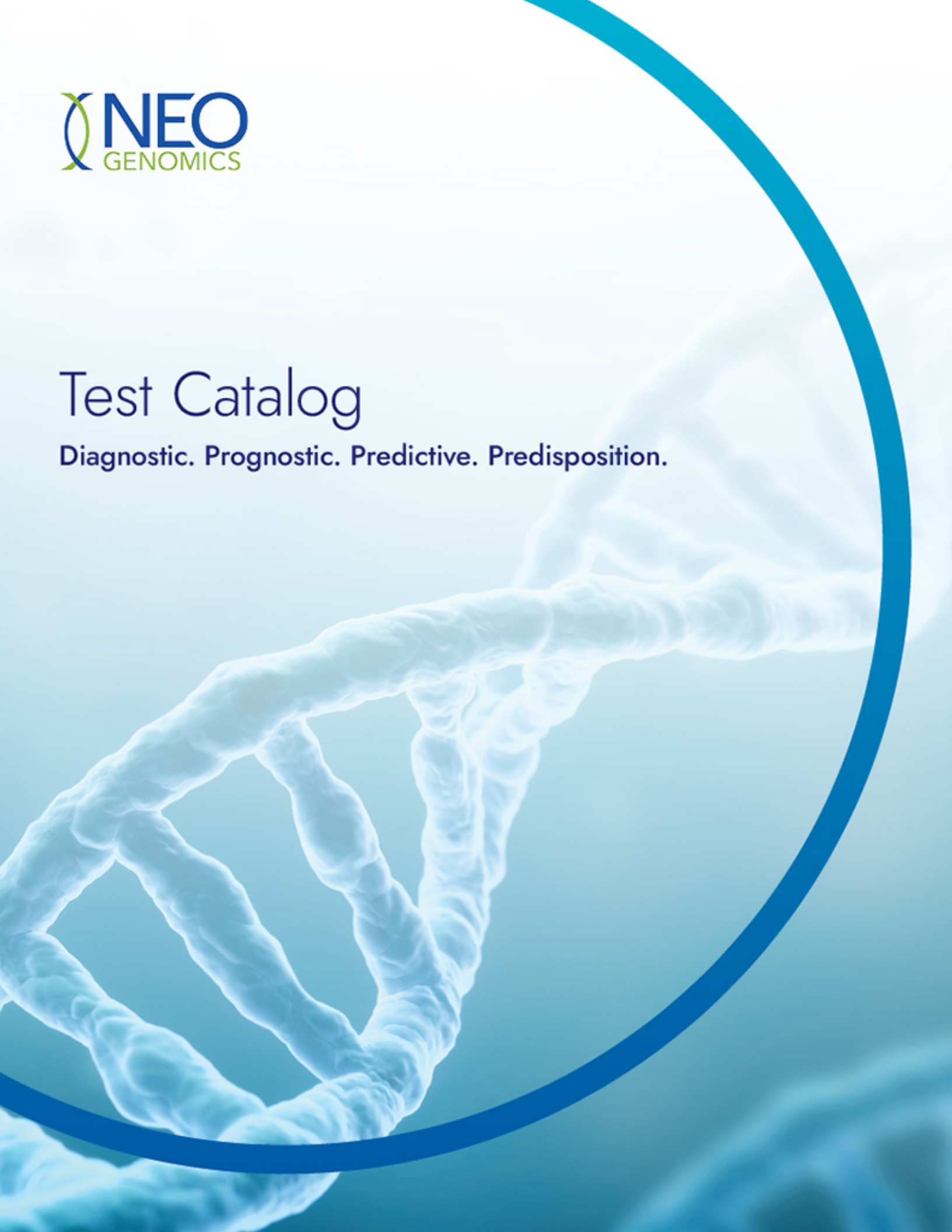
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



CALR Mutation Analysis

Alternative Name
CALR, calreticulin

Methodology
Molecular

Test Description
Fragment analysis of exon 9 of the CALR (calreticulin) gene for enhanced detection of low levels of insertion/deletion mutations. Automatic reflex to bi-directional sequencing will be performed for positive samples that are not Type 1 and Type 2 mutations and results will be reported out in an addendum. Testing is approved for specimens from the state of New York. Read more about the CALR Mutation Analysis.

Clinical Significance
CALR mutation analysis aids diagnostic confirmation of Philadelphia-chromosome negative and JAK2/MPL-mutation negative MPN. CALR mutations are mutually exclusive with JAK2 and MPL mutations, and are detected in peripheral blood in the majority (~70-85%) of essential thrombocythemia (ET) and primary myelofibrosis (PMF) cases that are JAK2- and MPL-mutation negative. CALR mutations are not reported in polycythemia vera (PV) and can distinguish ET and PMF from PV. Presence of CALR mutations is also associated with a better clinical course than JAK2 mutations.

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

Note: Test in DNA-based, suitable for Freeze & Hold option.

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 <72 hours old preferred.

CPT Code(s)*
81219

New York Approved
Yes

Level of Service
Global

Turnaround Time
10 days

Medical Necessity Resource

Medical Necessity for NeoTYPE Myeloid Profiles

*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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