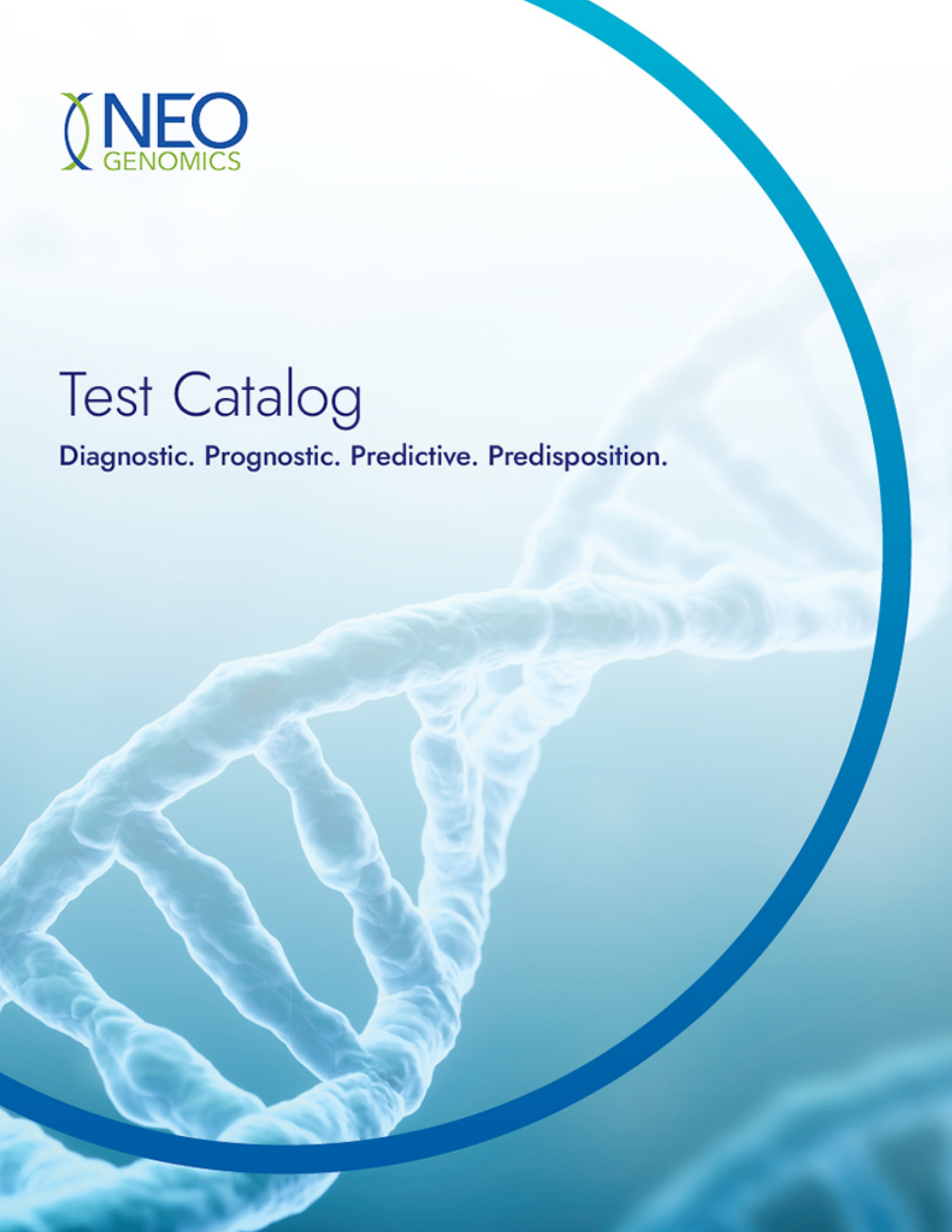
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



CSF3R Mutation Analysis

Alternative Name
CSF3R

Methodology
Molecular

Test Description
Bi-directional sequencing of exons 14 and 17 of the CSF3R gene which includes detection of the common mutation T618I (also known as T595I).

Clinical Significance
CSF3R mutations are newly-identified genetic markers detected in 59% of chronic neutrophilic leukemia (CNL) or atypical chronic myeloid leukemia (aCML) that are useful for diagnosis and classification of these disorders. Identification of specific mutations may suggest the class of kinase inhibitors to which the tumor will be sensitive. Mutations are also detected in 30-80% of leukemia in patients with severe congenital neutropenia (SCN).

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

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

CPT Code(s)*
81479

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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