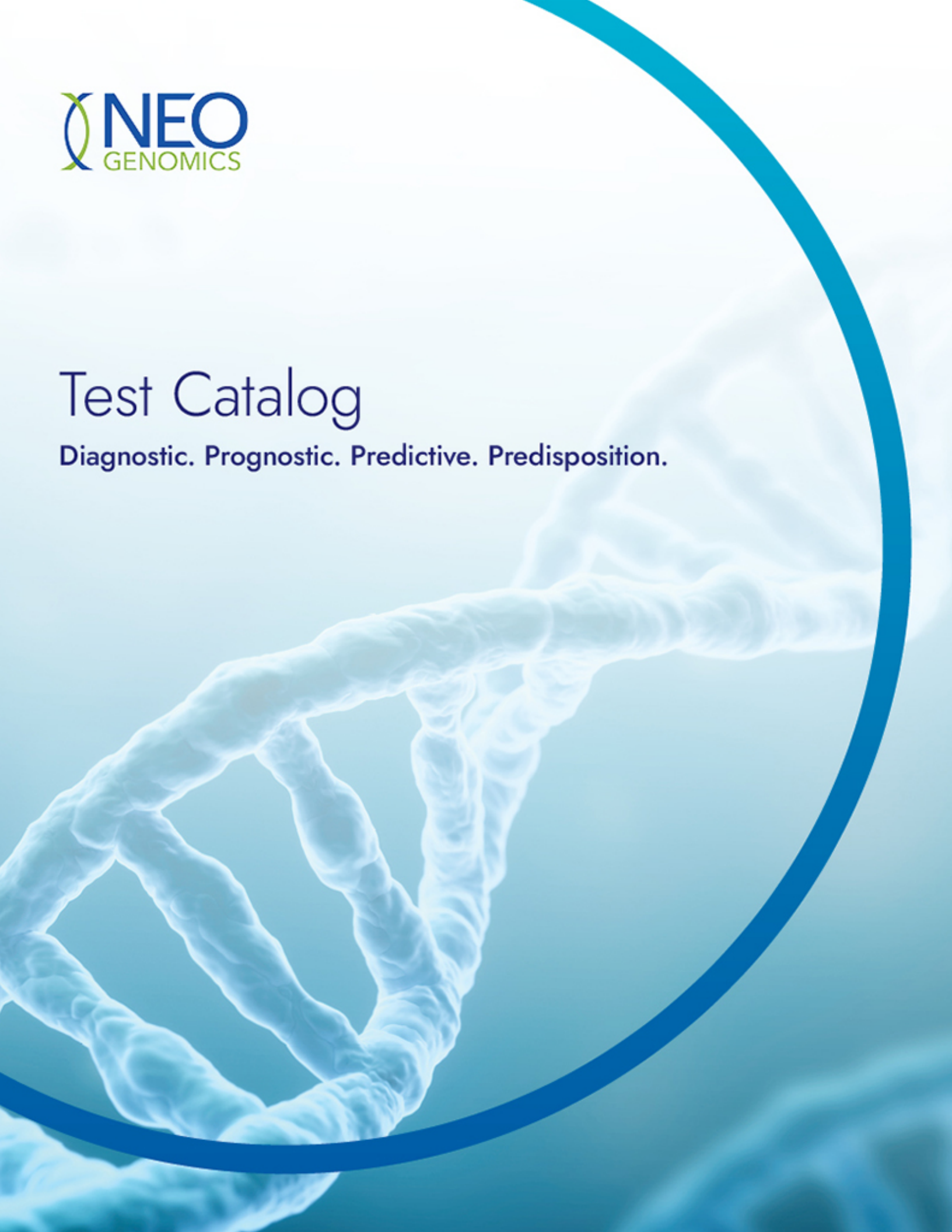
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



CEBPA Mutation Analysis

Alternative Name
CEBPA

Methodology
Molecular

Test Description
Fragment length analysis of the relevant coding region for detection of sequence variant and internal tandem duplication mutations. The SNP genotype at rs34529039 is reported. Testing is performed on plasma for increased sensitivity whenever possible.

Clinical Significance
CEBPA mutations are detected in 7-15% of AML patients. Double mutations are associated with good prognosis in patients with intermediate risk and normal cytogenetics who do not have FLT3-ITD mutations. The genotype T at SNP rs34529039 has been associated with shorter event-free survival and time-to-relapse in one group of post-stem cell transplant AML patients with intermediate or adverse risk cytogenetics.

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

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

CPT Code(s)*
81218

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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