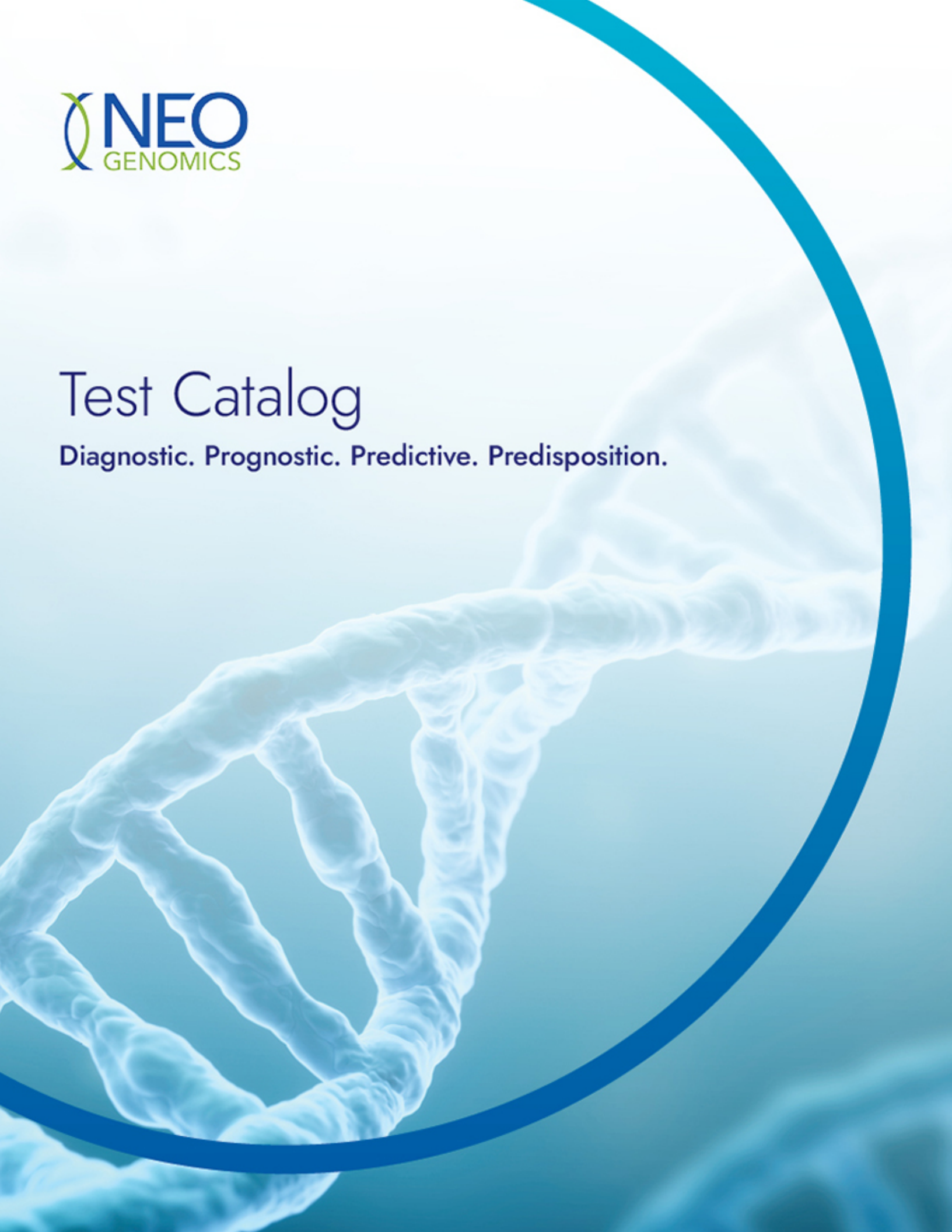
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



AML Non-Favorable Risk FISH Panel

Alternative Name
Acute myeloid leukemia

Methodology
FISH

Test Description
Probes: RPN1, MECOM (3q21, 3q26.2) | 5q-, -5 (5p15, 5q31, 5q33 | 7q-, -7 (Cen 7, 7q22, 7q31) | Trisomy 8 (Cen 8) | DEK/NUP214 (CAN) t(6;9) | MLL (11q23) | ETV6 (12p13) | 17p- (TP53 17p13.1, NF1 17q11.2) | Probes may be ordered separately.
Disease(s): Acute myeloid leukemia

Clinical Significance
The AML Non-Favorable Risk FISH Panel accommodates US and international cytogenetic risk classifications for intermediate and adverse risk groups. This Panel was formerly called AML Extended Panel.

Specimen Requirements
- **Bone marrow aspirate:** 1-2 mL sodium heparin tube. EDTA tube is acceptable.
- **Peripheral blood:** 2-5 mL sodium heparin tube. EDTA tube is acceptable.
- **Fresh, unfixed tissue:** Tissue in RPMI.
- **Bone Marrow/ Peripheral Blood Smear or Fresh Tissue Touch Preparation Slides:** minimum 8 slides labeled with specimen type.
- **Fluids:** Equal parts RPMI to specimen volume.
- **Fixed Cell Suspension:** A client fixed cell suspension may be submitted for testing as long as it is received in 3:1 Methanol:Glacial Acetic Acid.
- **Paraffin block or cut slides:** Not available.
- **Note:** Please exclude biopsy needles, blades, and other foreign objects from transport tubes. These can compromise specimen viability and yield, and create hazards for employees.

Storage & Transportation
Refrigerate specimen. Do not freeze. Use cold pack for transport. Make sure cold pack is not in direct contact with specimen. For fresh samples: ship same day as drawn whenever possible; specimens <72 hours old preferred.

CPT Code(s)*
88374x8 automated. Codes may differ if manual analysis is performed.

New York Approved
Yes

Level of Service
Technical, Global

Turnaround Time

3-5 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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