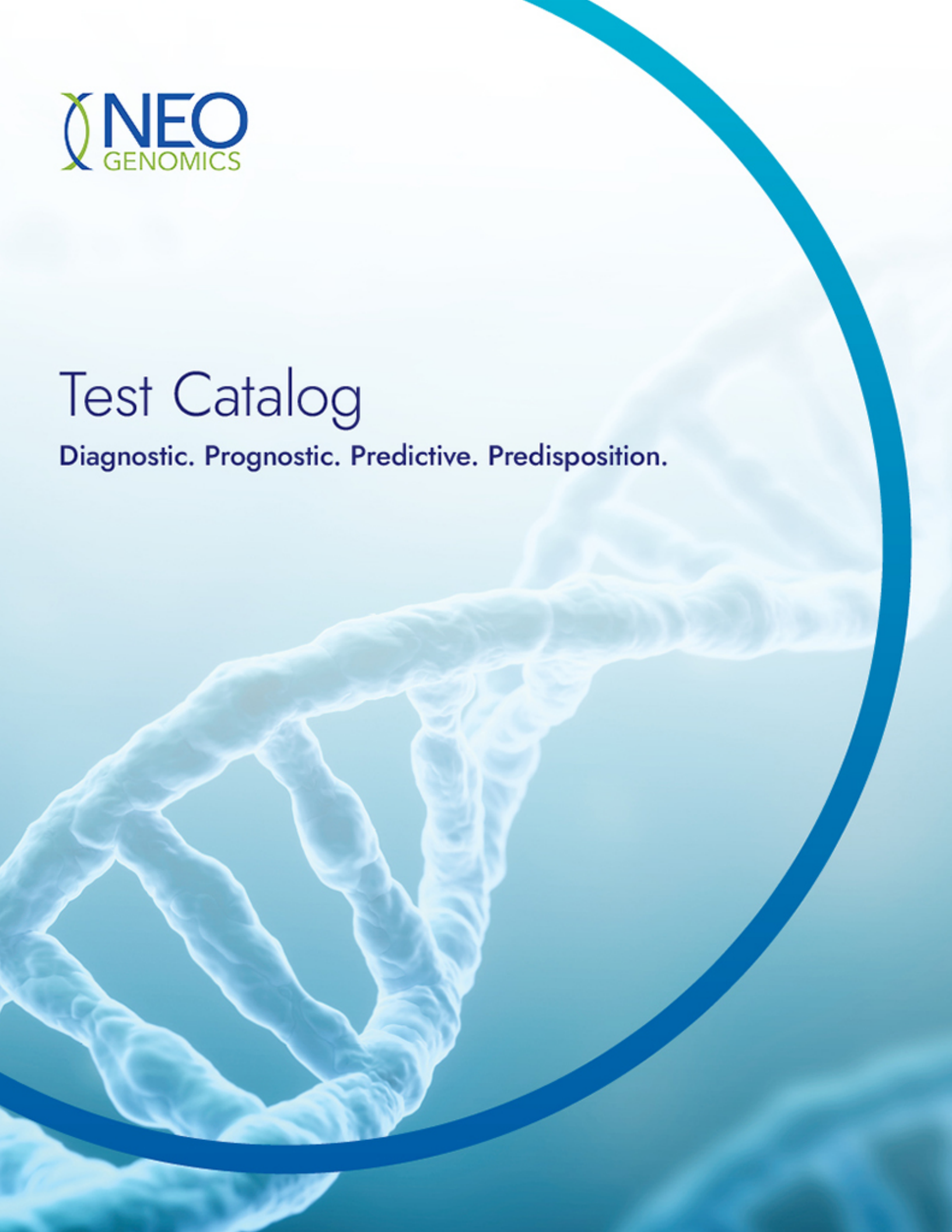
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



AML Standard FISH Panel

Alternative Name
Acute myeloid leukemia

Methodology
FISH

Test Description
Probes: 5q-, -5 (5p15, 5q31, 5q33) | 7q-, -7 (Cen 7, 7q22, 7q31) | Trisomy 8 (Cen 8) | MLL (11q23) | 20q- (20q12, 20qter) | RUNX1/RUNX1T1 (ETO/AML1) t(8;21) | PML/RARA t(15;17) | CBFB inv(16), t(16;16)
Probes may be ordered separately except +8 and 20q- which are combined.
Disease(s): Acute myeloid leukemia
Note: STAT processing is available by request for PML-RARA. Note STAT along with MD contact name and phone number to receive STAT results.

Clinical Significance
The AML Standard FISH Panel identifies the most frequent cytogenetic abnormalities associated with favorable, intermediate, and poor risk. See also the AML Non-Favorable Risk Panel and the AML Favorable-Risk 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 7 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
Use cold pack for transport, making 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)*
88374x7 automated. Codes may differ if manual analysis is performed.

New York Approved
Yes

Level of Service

Technical, Global

Turnaround Time

3-5 days. STAT results for PML-RARA, when requested, are reported 12-24 hours from receipt in the NeoGenomics laboratory

*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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