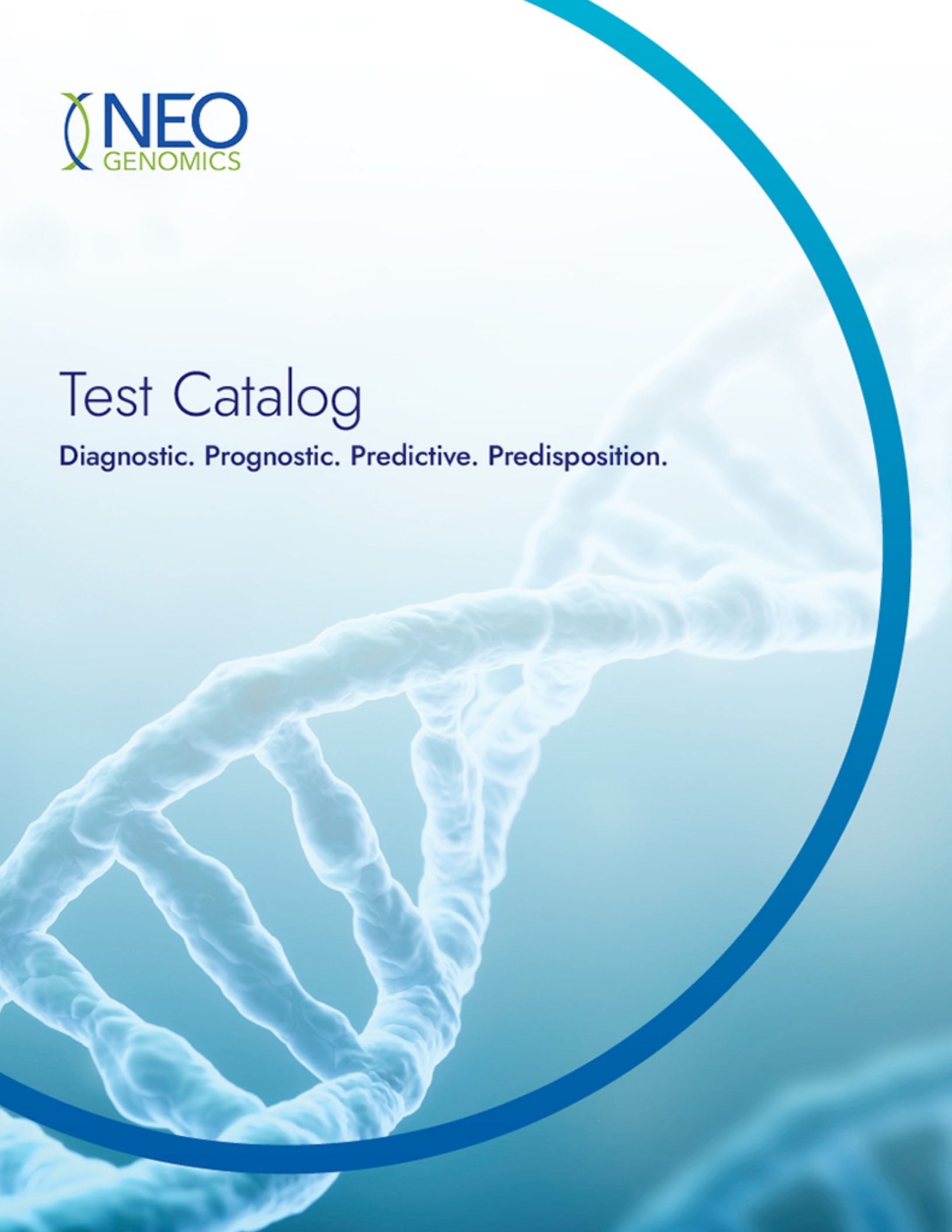
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



CLL/Mantle Cell Companion Add-On Flow Panel

Methodology
Flow Cytometry

Test Description
Available as global and tech-only. This add-on panel is available to clarify findings on samples currently having flow cytometry analysis at NeoGenomics and stand-alone testing is only available for tech-only. Markers are CD3, CD5, CD19, CD22, CD36, CD43, CD45, CD52, and CD200 (9 markers). This panel is not for detection of minimal residual disease.

Clinical Significance
This panel is helpful in differentiating CLL from MCL; in small CD10+ lymphoma (usually negative for CD43) versus large cell lymphoma and Burkitt's (40-60%+); in B-ALL vs. mature CD10+ lymphoma, especially in surface light chain negative cases; in HCL screening (extremely useful in rare CD5+ HCL cases); for evaluating heme versus nonheme cases (along with CD45) in ALCL, especially Null phenotype; and for granulocytic sarcomas (not all granulocytic sarcomas are CD34+, especially monocytic).

CD43 is useful in identifying the myeloid/monocyte populations (e.g. myeloid sarcomas) and immature B cells. CD43 is also useful as an additional T-cell antigen for aberrant loss in T-cell lymphomas, NK cell antigen (e.g. CD3-CD43+), and in mature B-cell non-Hodgkin lymphomas, especially CLL/MCL (usually CD43+), FCL (usually CD43-) and HCL (usually CD43-). In combination with CD11c (part of our main panel), FMC7 and CD200 are extremely useful in separating CLL (including atypical CLL) from MCL by flow.

Specimen Requirements
Flow cytometry testing can be performed on bone marrow aspirate, peripheral blood, fresh bone marrow core biopsy, unfixed tissue, and body fluids. Please see full specimen requirements for either Standard Leukemia/Lymphoma Analysis or Extended Leukemia/Lymphoma Analysis as this add-on panel is available in combination with either of those full panels.

Storage & Transportation
Specimens should be received at NeoGenomics within 72 hours from collection to assure sample integrity and acceptable cell viability. Note: New York State samples must be received within 48 hours from collection per NYS requirements. Refrigerate specimen. Do not freeze. Use cold pack for transport, making sure cold pack is not in direct contact with specimen.

CPT Code(s)*
Please contact NeoGenomics' Billing Department.

New York Approved
Yes

Level of Service
Technical, Global

Turnaround Time

24 hours

*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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