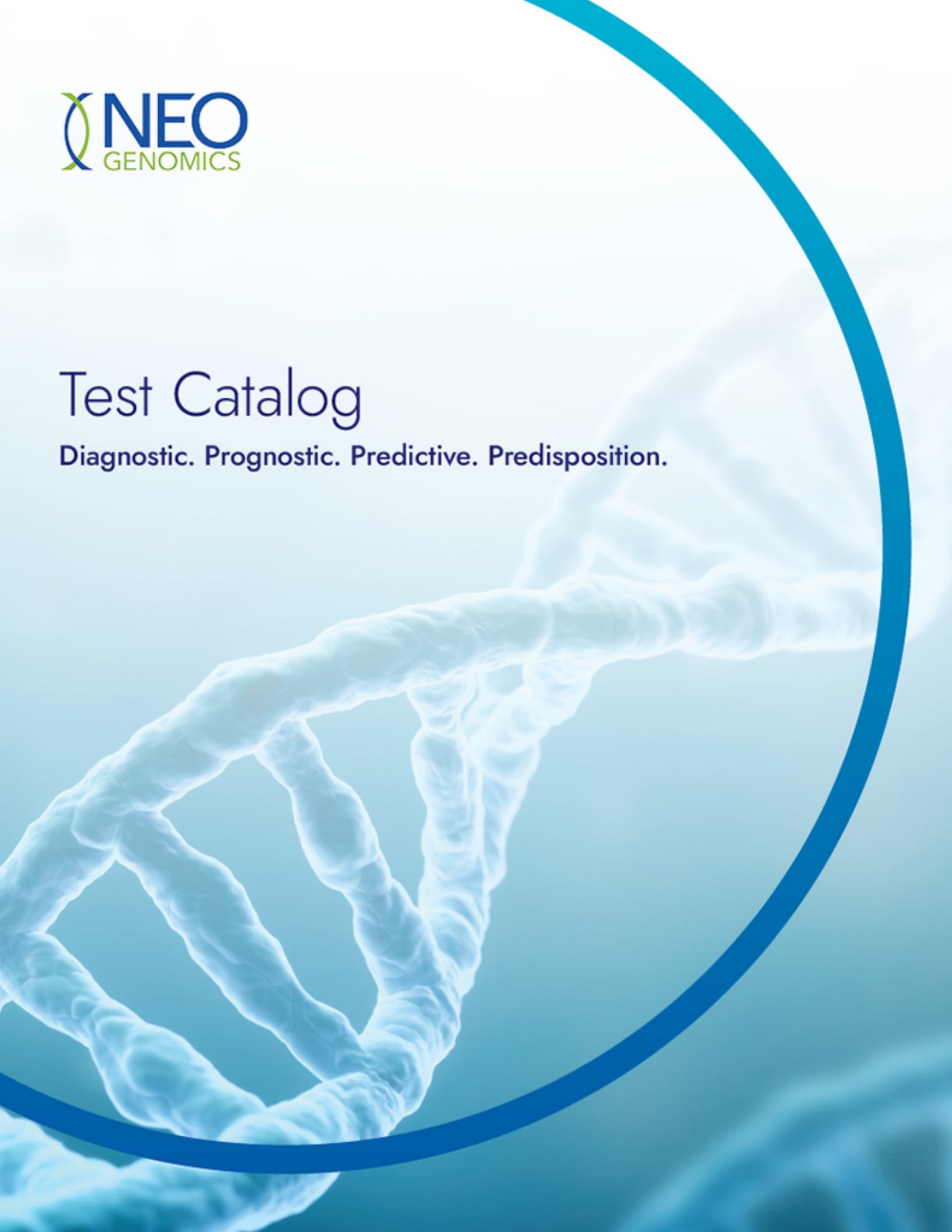
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



Extract and Hold Service, Hematologic Disorders

Alternative Name
Extract & Hold

Methodology
Nucleic acid extraction

Test Description
DNA, RNA or TNA (total nucleic acid: DNA and RNA together) will be isolated from viable cells and frozen. Analysis is not performed until clients order Molecular Testing. Processed samples are retained for 28 days.

Charges will be waived when testing is ordered on held specimens or a fee will be billed to client if no testing is ordered. For more information, please contact Client Services at 866.776.5907, option 3.

This specimen hold service is best used when it is known which test(s) may be ordered on the specimen. If possible, please make note of potential tests when ordering this service.

Below are specific tests for each extraction type.

Extract & Hold DNA

B-Cell Gene Rearrangement
BRAF Mutation Analysis by PCR
BTK Inhibitor Acquired Resistance Panel
CEBPA Mutation Analysis
CSF3R Mutation Analysis
CXCR4 Mutation Analysis
FLT3 Mutation Analysis
IDH1/IDH2 Mutation Analysis by PCR
IgH Clonality by NGS
JAK2 V617F Mutation Analysis - Quantitative
KIT (c-KIT) Mutation Analysis
MPL Mutation Analysis
MYD88 Mutation Analysis
NOTCH1 Mutation Analysis
NPM1 MRD Analysis
NPM1 Mutation Analysis
NRAS Mutation Analysis
Rapid AML Therapeutic Panel
T-Cell Receptor Beta Gene Rearrangement
T-Cell Receptor Gamma Gene Rearrangement
TP53 Mutation Analysis

Extract & Hold RNA

ABL1 Kinase Domain Mutation Analysis
BCR-ABL1 Non-Standard p230
BCR-ABL1 Standard p210, p190
IgVH Mutation Analysis

inv(16), CBFB-MYH11 Translocation
JAK2 Exon 12-13 Mutation Analysis
JAK2 V617F Mutation Analysis - Qualitative
PML-RARA Translocation, t(15;17)
RUNX1-RUNX1T1 (AML1-ETO) Translocation, t(8;21)

Note: If considering the MPN JAK2 V617F with Sequential Reflex to JAK2 Exon 12-13, CALR, and MPL assay as an add-on to either JAK2 V617F Mutation Analysis - Qualitative or JAK2 Exon 12-13 Mutation Analysis, we recommend adding Extract & Hold - DNA with Extract & Hold - RNA order.

Extract & Hold DNA and RNA (please order both Extract & Hold DNA and Extract & Hold RNA)

CALR Mutation Analysis
MPN JAK2 V617F with Sequential Reflex to JAK2 Exon 12-13, CALR, and MPL

Extract & Hold TNA

Neo Comprehensive - Heme Cancers
Neo Comprehensive - Myeloid Disorders
NeoTYPE ALL Profile
NeoTYPE ALL Profile for New York
NeoTYPE Follicular Lymphoma Profile
NeoTYPE® AITL/Peripheral T-Cell Lymphoma Profile
NeoTYPE® AML Prognostic Profile
NeoTYPE® CLL Profile
NeoTYPE® Lymphoid Disorders Profile
NeoTYPE® Lymphoma Profile
NeoTYPE® MDS/CMML Profile

Note: Specimen stability for Neo Comprehensive – Heme Cancers and Neo Comprehensive – Myeloid Disorders is 7 days from collection. Extract & Hold TNA must have been completed within 7 days from collection for testing to be added-on.

Clinical Significance

This specimen hold option is useful for reserving specimens for which molecular testing requiring DNA, RNA, or TNA may be necessary at a future date.

Specimen Requirements

- Specimen requirements vary by tests. Please visit individual test pages for detailed information.
- General requirements:
    - **Bone Marrow:** 2-3 mL in EDTA. Sodium heparin acceptable.
    - **Peripheral Blood:** 3-5 mL in EDTA. Sodium heparin acceptable.

Storage & Transportation

Use refrigerated cold pack for transport. Make sure cold pack is not in direct contact with specimen. Ship same day as drawn whenever possible; specimens <7 days old preferred.

New York Approved

No

Notes

New York Approved: Varies by tests. Please visit individual test pages for detailed information.

*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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