



# Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



## NeoTYPE® Lymphoma Profile

### Alternative Name

Lymphoma Profile

### Methodology

Molecular

### Test Description

The NeoTYPE® Lymphoma Profile analyzes 12 genes through a combination of next-generation sequencing (NGS) and FISH as noted below. Test reports include a summary interpretation of all results together.

- **NGS (12 Genes):** BCL2, BCL6, BRAF, CARD11, CCND1 (BCL1), CD79B, EZH2, MYD88, NOTCH1, NOTCH2, NRAS, and TP53
- **FISH (2 Genes):** CCND1 (BCL1)/IgH t(11;14) | BCL2/IgH t(14;18)

### Clinical Significance

Genes analyzed in this profile have known roles in lymphoma pathogenesis. Testing is useful for diagnosis, classification, prognosis, and treatment decisions. It is also useful to distinguish between activated B-cell-like (ABC) and germinal center (GC) subtypes, especially in diffuse large B-cell lymphoma (DLBCL).

### Specimen Requirements

- **Bone marrow (Preferred):** 2 mL in EDTA tube.
- **Peripheral blood:** 5 mL in EDTA tube.
- **FFPE tissue:** Paraffin block. Alternatively, send 1 H&E slide plus 10-14 unstained slides cut at 5 or more microns. Please use positively-charged slides and 10% NBF fixative is the recommended fixative. Do not use zinc or mercury fixatives (B5). Highly acidic or prolonged decalcification processes will not yield sufficient nucleic acid to accurately perform molecular studies.

**Note:** Test in TNA-based. Please select Extract & Hold - TNA if specimen hold service is desired.

### Storage & Transportation

Use cold pack for transport, making sure cold pack is not in direct contact with specimen.

### CPT Code(s)\*

81450x1; 88374x2 or 88377x2

### Medicare MoIDX CPT Code(s)\*

81450

### New York Approved

No

### Level of Service

Global

**Turnaround Time**

14 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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