

# Quickly explore lymphoma subgroups in your research.

Measure gene expression of mRNA targets commonly associated with indolent and aggressive lymphomas. Quickly identify genes associated with lymphoma subgroups in your research. With 298 gene targets, the HTG EdgeSeq™ Pan B-Cell Lymphoma Panel addresses the heterogeneity of B-Cell lymphomas, including published signatures and drug targets.

Leveraging the sensitivity and dynamic range of next-generation sequencing (NGS), the HTG EdgeSeq Pan B-Cell Lymphoma Panel enables multiplex profiling from limited FFPE samples. This is critical when considering that 10-15% of specimens in clinical practice do not qualify due to high sample requirements. This extraction-free HTG EdgeSeq assay is automated on the HTG EdgeSeq system or available at our VERI/O lab as a service.

- **Measure 298 transcripts in a single well:** obtain a broad profile of genes associated with B-cell lymphomas and utilize multiple published signatures and common drug targets from a single analysis
- **Extraction-free chemistry:** hands-off sample preparation workflow reduces bias and sample loss compared to extracted RNA
- **Low sample input:** no RNA extraction means less sample is required per well
- **Simplified data analysis:** determine the Cell of Origin status for diffuse large B-cell lymphoma using the fully integrated HTG EdgeSeq Reveal data analysis pipeline

## Examples of Common Lymphomas Targeted by the HTG EdgeSeq Pan B-Cell Lymphoma Panel

Burkitt lymphoma	Mantle cell lymphoma
Chronic lymphocytic leukemia	Marginal zone lymphoma
Diffuse large B-cell lymphoma	Molecular high-grade lymphoma
Double hit lymphoma	Myeloma
Follicular lymphoma	Plasmablastic lymphoma
Lymphoplasmacytic lymphoma	Primary mediastinal B-cell lymphoma

## Ordering Information

ILLUMINA MISEQ™	Catalog Number
HTG EdgeSeq Pan B-Cell Lymphoma Panel (2x8)	916-017-208
HTG EdgeSeq Pan B-Cell Lymphoma Panel (4x8)	916-017-008
HTG EdgeSeq Pan B-Cell Lymphoma Panel (1x24)	916-017-224
HTG EdgeSeq Pan B-Cell Lymphoma Panel (4x24)	916-017-024
HTG EdgeSeq Pan B-Cell Lymphoma Panel (1x96)	916-017-096

  

Thermo Fisher Scientific Ion S5™	Catalog Number
HTG EdgeSeq Pan B-Cell Lymphoma Panel (2x8)	916-017-308
HTG EdgeSeq Pan B-Cell Lymphoma Panel (4x8)	916-017-108
HTG EdgeSeq Pan B-Cell Lymphoma Panel (1x24)	916-017-324
HTG EdgeSeq Pan B-Cell Lymphoma Panel (4x24)	916-017-124
HTG EdgeSeq Pan B-Cell Lymphoma Panel (1x96)	916-017-196

### HTG EdgeSeq Pan B-Cell Lymphoma Panel research applications:

Understanding disease heterogeneity in indolent and aggressive lymphomas

Discover or validate B-cell lymphoma signatures

Use the HTG Reveal DLBCL Cell of Origin signature to determine predicted probability of ABC or GCB subtypes

## Sample Requirements

FFPE (formalin-fixed paraffin-embedded) 6.0 mm<sup>2</sup> / well

## Partner with HTG

**HTG EdgeSeq System:** HTG offers automated workflow solutions for molecular profiling that can be deployed in your laboratory to help address the unique needs and challenges through every step of your projects.

**VERI/O™ Laboratory Services:** Support for biomarker research using HTG's extraction-free technology and growing portfolio of profiling assays. Results are provided for retrospective samples and are not for use in diagnostic procedures.

**HTG Qualified Service Providers:** HTG has partnered with several qualified service provider laboratories that can process your samples using HTG EdgeSeq systems and assays. Visit [htgmolecular.com/services/qualified-service-providers](http://htgmolecular.com/services/qualified-service-providers) for a complete list of providers.

## Learn More

The HTG EdgeSeq system has a number of key advantages including multiplexing from tens to thousands of biomarkers in a single sample; very low sample input requirements; simple, extraction-free sample preparation; automated workflow; and simplified data output.

The HTG EdgeSeq system is a powerful solution, providing gene expression profiling results for researchers, laboratory staff, and biomarker leads pursuing discovery, translational medicine, and other oncology applications.

### HTG EdgeSeq Pan B-Cell Lymphoma Panel on the HTG EdgeSeq system:

Extraction-free and automated workflow on the HTG EdgeSeq system

One panel provides 298 gene expression data points



Learn more at [htgmolecular.com](http://htgmolecular.com)