

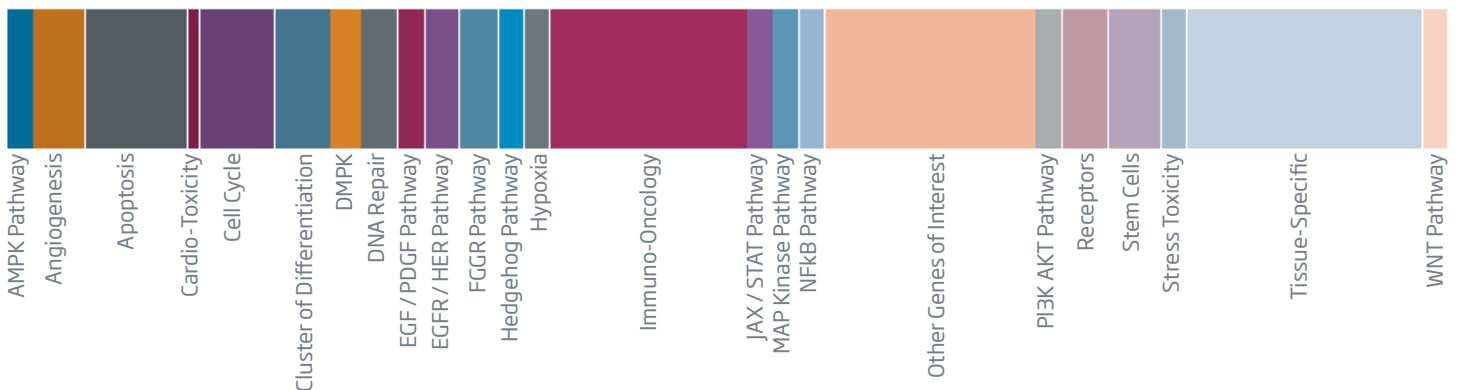
Product Overview

The HTG EdgeSeq Oncology Biomarker Panel (OBP) is a systems biology pathway analysis tool that can be used to identify potential therapeutic targets and drug response markers. The OBP assay utilizes HTG's automated HTG EdgeSeq system coupled with the sensitivity and dynamic range of next-generation sequencing (NGS)-based detection, and can be performed at the customer site or by HTG's VERI/O Laboratory Services.

Features and Benefits

- Simultaneous, quantitative detection of 2,560 transcripts: *associated with tumor biology*
- Extraction-free chemistry: *reduce extraction-associated data bias and sample loss*
- Reliable, reproducible performance: *from a single formalin-fixed, paraffin-embedded (FFPE) needle core biopsy*
- Gain insights faster with minimal hands-on manipulation: *results are available in as little as 36 hours*
- Simplified data analysis: *raw numerical data output provided in Excel format*

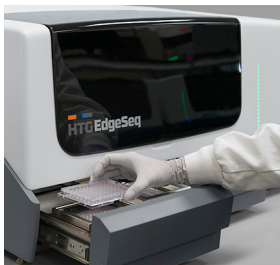
2,560 genes, 24 groups and pathways



Includes 17 key drug targets

AKT	CTLA4	FGFR1	HER2	IGFR1	MEK	mTOR	PD-L1
CD19	EGFR	FGFR2	HER3	IGFR2	MET	PD-1	PI3K
CD30							

- Detect 2,560 transcripts associated with tumor biology
- Reduce extraction-associated data bias
- Gain insights faster with little hands-on time



Ordering Information

	Catalog Number	Product Name
Illumina MiSeq	916-002-208	HTG EdgeSeq Oncology Biomarker Panel (2x8)
	916-002-008	HTG EdgeSeq Oncology Biomarker Panel (4x8)
	916-002-224	HTG EdgeSeq Oncology Biomarker Panel (1x24)
	916-002-024	HTG EdgeSeq Oncology Biomarker Panel (4x24)
	916-002-096	HTG EdgeSeq Oncology Biomarker Panel (1x96)
Thermo Fisher Ion Torrent S5	916-002-308	HTG EdgeSeq Oncology Biomarker Panel (2x8)
	916-002-108	HTG EdgeSeq Oncology Biomarker Panel (4x8)
	916-002-324	HTG EdgeSeq Oncology Biomarker Panel (1x24)
	916-002-124	HTG EdgeSeq Oncology Biomarker Panel (4x24)
	916-002-196	HTG EdgeSeq Oncology Biomarker Panel (1X96)

Sample Requirements

FFPE Tissue	5 µm tissue section
Cells	≥3,000 cells
PAXgene	500 µL
Extracted RNA from Frozen	10-35 ng

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 project.

VERI/O Laboratory Services

VERI/O Laboratory Services support biomarker research and companion diagnostic development 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 the HTG EdgeSeq systems and assays.

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.

For more information contact HTG Molecular Diagnostics at 1-877-289-2615, info@htgmolecular.com or contact your local HTG Molecular Diagnostics representative. Visit www.htgmolecular.com