



With just  
one slide,  
obtain status  
of 23 common  
mutations in  
EGFR, KRAS,  
and BRAF  
genes.



## Product Overview

### Targeted sequencing-based chemistry now allows DNA mutation testing

The HTG EdgeSeq EGFR, KRAS, and BRAF Mutation Assay is a research use only (RUO) service offering exclusively available in the HTG VERI/O laboratory. Retrospective analysis of the mutational status may help researchers understand the tumor response to both immuno- and chemotherapeutics. Like all HTG EdgeSeq assays, the HTG EdgeSeq EGFR, KRAS, and BRAF Mutation Assay is extraction-free and can be used with small samples such as a needle core biopsy.

## Features and Benefits

Detect the following common mutations in the EGFR, KRAS, and BRAF genes for retrospective research studies using formalin-fixed, paraffin embedded (FFPE) tissue.

<b>EGFR</b>	D761Y G719A	G719C G719S	L858R T790M
<b>KRAS</b>	G12A G12C G12D G12R G12S	G12V G13D Q61E Q61H-C Q61H-T	Q61L Q61R
<b>BRAF</b>	V600D V600E	V600E2 V600K	V600R

## Many Tests, One Sample

Using prepared lysate from FFPE tissue sections, HTG's VERI/O laboratory can generate a comprehensive molecular profile including gene expression using the HTG EdgeSeq Immuno-Oncology Assay, gene rearrangements using the HTG EdgeSeq ALK*Plus* Assay and DNA mutations using the HTG EdgeSeq EGFR, KRAS, and BRAF Mutation Assay.



## VERI/O Laboratory Ordering Information

Catalog Number	Samples per Run	Product Description
<b>POC-ES-09</b>	Project Dependent	Project Dependent

**EGFR** 6 point mutations

**KRAS** 7 mutations at codon 12/13 and 5 mutations at codon 61

**BRAF** 5 mutations at codon 600

## Partner with HTG

### VERI/O Laboratory Services

VERI/O laboratory supports biomarker research and companion diagnostic development using HTG's extraction-free technology and growing portfolio of profiling assays. Results are provided for retrospective analysis and are not for use in diagnostic procedures.

## Learn More

VERI/O Laboratory Services 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](mailto:info@htgmolecular.com) or contact your local HTG Molecular Diagnostics representative. Visit [www.htgmolecular.com](http://www.htgmolecular.com)



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**For research only. Not for use in diagnostic procedures.**

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