



OUR ANSWERS **YOUR INSIGHTS**

One Test Kit.
Two Sample Types.



For use with FFPET and plasma samples!

KRAS Mutation Test v2 (LSR)

FOR LIFE SCIENCE RESEARCH ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

The KRAS Mutation Test v2 (LSR)* from Roche is an allele-specific, real-time PCR test for the qualitative detection and identification of exon 2, 3, and 4 mutations in the v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog (KRAS) gene from formalin-fixed, paraffin-embedded tissue (FFPET) or plasma samples.

KEY FEATURES AND BENEFITS

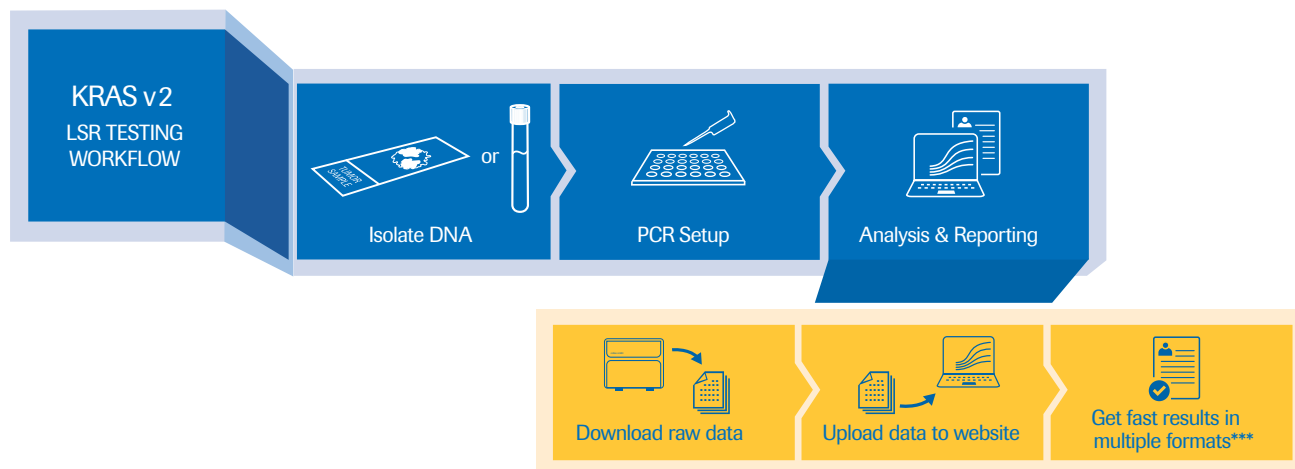
- Broad coverage of 28 KRAS mutations within an 8-hour laboratory shift
- Validated in FFPET samples and can reliably detect KRAS variants at $\geq 1\%$ mutation from a single, 5 μ m section.
- Validated in plasma samples with sensitivity of 75 copies /mL or lower in a wild-type background of 64 ,000 copies from just 2mL of plasma.
- Can be paired with the BRAF/NRAS Mutation Test (LSR)* for broad detection of 64 unique RAS/BRAF variants in a single PCR run
- A web-based analysis tool enables automated, objective, and rapid interpretation of results

Visit oncologyresearchkits.roche.com



KRAS v2 LSR* TESTING WORKFLOW

When you're on the path to discovery, every result matters. Every answer could be the one that gets you there. To the revelation you were searching for. To the advancement you needed. To your next breakthrough. The Roche Life Science Research Oncology Portfolio offers the speed, accuracy, and open-source flexibility your research demands. So you get clear, actionable results faster, in fewer shifts, and backed by the exacting standards, quality, and service of Roche.



***Roche does NOT maintain or store uploaded data and no sample identifying information is collected. Files are only downloadable for a limited time.

COVERAGE OF THE KRAS MUTATION TEST v2 (LSR)*

KRAS COSMIC [†] v81	COLON			LUNG			PANCREAS		
		Freq of Reports	LSR* Coverage		Freq of Reports	LSR* Coverage		Freq of Reports	LSR* Coverage
exon 2	98.3%	97.7%	exon 2	98.7%	97.7%	exon 2	98.8%	98.3%	
exon 3	1.0%	0.9%	exon 3	1.2%	1.1%	exon 3	1.1%	1.0%	
exon 4	0.7%	0.5%	exon 4	0.06%	0.04%	exon 4	0.08%	0.04%	
all others**	0.01%	0.0%	all others**	0.04%	0.0%	all others**	0.0%	0.0%	
TOTAL	100%	99.1%	TOTAL	100%	98.8%	TOTAL	100%	99.3%	

numbers are rounded to the nearest decimal point

[†] Catalog of Somatic Mutations in Cancer

**mutations outside exons 2, 3, and 4

***FOR LIFE SCIENCE RESEARCH ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**

FOR MORE INFORMATION

Contact your local Roche Molecular Diagnostic representative or visit oncologyresearchkits.roche.com.

COBAS is a trademark of Roche.

©2017 Roche. PP-US-11661-0917

Roche Diagnostics
9115 Hague Road
Indianapolis, IN 46256
usdiagnostics.roche.com