

**OUR ANSWERS** **YOUR INSIGHTS**



## BRAF/NRAS Mutation Test (LSR)\*

The BRAF/NRAS Mutation Test (LSR)\* from Roche is an allele-specific, real-time PCR test for the qualitative detection and identification of exon 11 and 15 mutations in the proto-oncogene B-Raf (BRAF) gene and exon 2, 3, and 4 mutations in the neuroblastoma RAS viral oncogene homolog (NRAS) gene from formalin-fixed, paraffin-embedded tissue (FFPET) or plasma samples.

One Test Kit.  
Two Sample Types.



**Now also for plasma samples!**

### KEY FEATURES AND BENEFITS

- Broad detection of BRAF and NRAS mutations within an 8-hour laboratory shift
- Results from a single, 5µm FFPE section of tissue or 2mL of plasma
- Liquid, ready-to-use reagents to increase laboratory efficiency
- A 12-month shelf life from date of manufacture<sup>1</sup>
- A free<sup>2</sup>, web-based analysis tool enables automated, objective, and rapid interpretation of results
- 100% repeatability over multiple specimens, operators, instruments, and days<sup>1</sup>
- Validated in FFPE samples and can reliably detect BRAF exon 11 and 15 mutations as well as NRAS exons 2, 3, and 4 mutations at a percent mutation of 5%<sup>1</sup>
- Validated in plasma samples with sensitivity as high as 100 copies/mL in a wild-type background of 160,000 copies<sup>1</sup>

**Visit [oncologyresearchkits.roche.com](http://oncologyresearchkits.roche.com)**

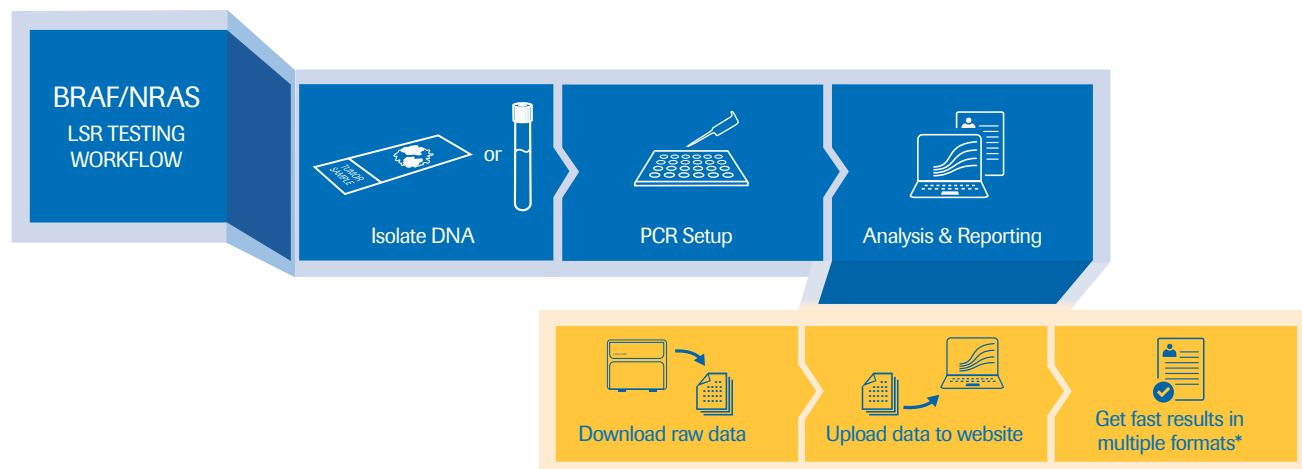
\* For Life Science Research only.  
Not for use in diagnostic procedures.

1. BRAF/NRAS LSR Package Insert  
2. The LSR Data Analysis Portal is free for all registered users of [roche.lifescience.com](http://roche.lifescience.com)

## BRAF/NRAS 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 Assay 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 BRAF/NRAS MUTATION TEST (LSR)\*:

	SKIN	Freq of Reports	LSR* Coverage	COLON	Freq of Reports	LSR* Coverage
<b>NRAS COSMIC v.80</b>	exon 2	13.0%	11.8%	exon 2	42.9%	42.4%
	exon 3	86.6%	84.4%	exon 3	55.8%	54.7%
	exon 4	< 1%	< 1%	exon 4	< 1%	< 1%
	<b>TOTAL</b>	<b>99.5%</b>	<b>96.3%</b>	<b>TOTAL</b>	<b>98.7%</b>	<b>97.1%</b>
<b>BRAF COSMIC v.80</b>	exon 11	< 1%	< 1%	exon 11	< 1%	< 1%
	exon 15	98.7%	96.3%	exon 15	99.4%	98.4%
	<b>TOTAL</b>	<b>99.0%</b>	<b>96.5%</b>	<b>TOTAL</b>	<b>99.6%</b>	<b>98.5%</b>

Source: Catalogue of Somatic Mutations in Cancer (COSMIC) v.80 (accessed Feb 13, 2017)

PRODUCT DESCRIPTION	QUANTITY	MATERIAL NUMBER
BRAF/NRAS Mutation Test (LSR)*	24	07659962001
<b>cobas</b> ® 4800 UDF v2.0.0 CD	1	07540922001
<b>cobas</b> ® 4800 Microwell Plate and Sealing Foil	50	05232724001

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## FOR MORE INFORMATION

Contact your local Roche Molecular Diagnostic representative or visit <http://molecular.roche.com>.

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