

KRAS Hotspot PCR Analysis (KRASID) – Detected Variants

This test only detects 21 hotspot mutations in KRAS. It should be considered when KRAS-only targeted testing is required, when tumor material is limited, and/or rapid turnaround time is necessary.

For more comprehensive solid tumor testing, please refer to the [Targeted Oncology Panel](#).

Exon 2	<i>G12C</i>	p.Gly12Cys, c.34G>T
	<i>G12R</i>	p.Gly12Arg, c.34G>C
	<i>G12S</i>	p.Gly12Ser, c.34G>A
	<i>G12A</i>	p.Gly12Ala, c.35G>C
	<i>G12D</i>	p.Gly12Asp; c.35G>A
	<i>G12V</i>	p.Gly12Val, c.35G>T
	<i>G13D</i>	p.Gly13Asp, c.38G>A
Exon 3	A59-mutant	<i>A59E</i> , p.Ala59Glu, c.176C>A <i>A59G</i> , p.Ala59Gly, c.176C>G <i>A59T</i> , p.Ala59Thr, c.175G>A
	<i>Q61K</i>	p.Gln61Lys, c.181C>A, p.Gln61Lys, c.180_181delinsAA
	<i>Q61H</i>	p.Gln61His, c.183A>C p.Gln61His, c.183A>T
	Q61-mutant	<i>Q61L</i> , p.Gln61Leu, c.182A>T <i>Q61R</i> , p.Gln61Arg, c.182A>G
	Exon 4	<i>K117N</i>
A146-mutant		<i>A146P</i> , p.Ala146Pro, c.436G>C <i>A146T</i> , p.Ala146Thr, c.436G>A <i>A146V</i> , p.Ala146Val, c.437C>T