Product Profile

QIAact Lung Plasma Track Panel

For detecting lung cancer mutations in ccfDNA with analytical sensitivity down to 0.1% variant allele frequency

Circulating cell-free DNA (ccfDNA) can be isolated from plasma, allowing secondary mutations to be monitored over time. The QIAact Lung Plasma Track Panel enables analytical detection of secondary lung cancer mutations present at ≥0.1% variant allele frequency in ccfDNA from plasma.

- Complete pre-optimized workflow, including sample collection, variant detection, interpretation and reporting
- Analytical detection of mutations at ≥0.1% allele frequency
- Broad coverage of sensitizing and secondary mutations described in literature for lung cancer

The QIAact Lung Plasma Track Panel allows the detection of upcoming secondary mutations described in the literature for lung cancer from ccfDNA samples derived from plasma. Analytical sensitivity for the panel has been demonstrated at ≥0.1% allele frequency. In addition, the panel includes various lung cancer relevant sensitizing and cancer-driver mutations, which can be matched to sequencing results from tumor tissue. In total, more than 250 mutations are included.

The number of variants detected by QIAact Lung Plasma Track Panel is constantly expanding

The QIAact Lung Plasma Track Panel can only be used with the GeneReader™ NGS System. This panel, together with other QIAGEN® products, is integrated into a complete pre-optimized workflow, including sample collection, variant detection, interpretation and reporting.

ALK	KIT	NF2	PTEN
BRAF	KRAS	NRAS	RB1
CTNNB1	MAP2K1	NTRK1*	ROS1
EGFR	MET	PIK3CA	TP53*
ERBB2			

* Detection of only relevant specific SNVs at approximately 200 positions to increase specificity. Detection of deletions and insertions in EGFR exon 19 and 20 and MET exon 14 skipping region.

Ordering Information

Product	Contents	Cat. no.
QIAact Lung Plasma Track Panel (20)	For detection of secondary mutations for lung cancer from ccfDNA samples derived from plasma; for target enrichment and library preparation of 20 samples.	181960

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