BioVendor Group NGS

fastGEN: Cutting-edge NGS solution for hemato-oncology

BCR::ABL1 ***IDH1/2*** ***TP53*** ***CALR*** ***JAK2*** ***MPL***

Unlocking insights for targeted treatments

In the dynamic realm of hemato-oncology, precise molecular monitoring is crucial for personalised treatment strategies. Our all-in-one NGS solutions, consisting of fastGEN kits and GENOVESA database bioinformatics and interpretation system, offer a comprehensive approach that provides healthcare professionals with actionable insights.

With fastGEN technology, we deliver unparalleled sensitivity, specificity, and efficiency, strategically focused on codons with established treatment options, marking a revolutionary advance in personalised medicine and providing crucial support for precise diagnostics.



Single technology, multiple opportunities

Kit and data analysis in one package

Cat. No.	Product	No. of samples	Gene	Detail	Status
RDNGS0011	fastGEN BCR::ABL1 Cancer Kit	16	*BCR::ABL1*	codons: 237–510	RUO
RDNGS0016	fastGEN H3F3A/IDH1/2 Cancer Kit	16	*H3F3A* *IDH1* *IDH2*	codons: 7–40 codons: 132 codons: 140, 172	RUO
RDNGS0021	fastGEN MPN Cancer Kit	16	*CALR* *JAK2* *MPL*	exon 9 exons 12, 13, 14, 16 exons 4, 10, 12	RUO
RDNGS0009 RDNGS0009-32	fastGEN TP53 Cancer Kit	16/32	*TP53*	exons 2–11, 2 non-canonical exons between exons 9 and 10, and adjacent introns	RUO

All-in-one NGS solution

fastGEN kits
Quick & easy detection of mutations in oncomarkers

Unique
Simple, ultra-sensitive, specific and effective technology

Reliable
Significantly lower probability of mistakes, uniform coverage for different amplicons and different samples

Fast
Excellent speed (<30 min hands-on time)

Robust
Robustness achieved by using short amplicons obtained by a single polymerase chain reaction with special tagged hybrid primers

GENOVESA
Cloud-based database bioinformatic and interpretation system

Automatized bioinformatics analysis
Supports FASTQ, BAM, VCF format NGS data

Easy variants filtration
Visualisation of NGS data
One-click clinical report generation

Database and data sharing
Serves as a database, allows data sharing between clinics

Secure data center located in Prague
Data security through HTTPS encryption, no sensitive patient data collection



Discover BioVendor Group NGS solution at www.biovendor.com.

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