

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.**



PRODUCER:



DISTRIBUTOR:



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