

# fastGEN: Cutting-edge NGS solution for hemato-oncology

## 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.



## Single technology, multiple opportunities Kit and data analysis in one package

<u>Cat. No.</u>	<u>Product</u>	<u>No. of samples</u>	<u>Gene</u>	<u>Detail</u>	<u>Status</u>
RDNSG0011	fastGEN BCR::ABL1 Cancer kit	16	<i>BCR::ABL1</i>	codons: 237-510	RUO
RDNSG0016	fastGEN H3F3A/IDH1/2 Cancer kit	16	<i>H3F3A</i> <i>IDH1</i> <i>IDH2</i>	codons: 7-40 codons: 132 codons: 140, 172	RUO
RDNSG0009/ RDNSG0009-32	fastGEN TP53 Cancer kit	16/32	<i>TP53</i>	exons 2-11, 2 non-canonical exons between exons 9 and 10, and adjacent introns	RUO



FOLLOW US

BIOVENDOR.GROUP

# 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 bioinformatics 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](http://www.biovendor.com).**



PRODUCER:



DISTRIBUTOR:



**BioVendor MDx a.s.**

Karásek 1767/1, 621 00 Brno

Czech Republic

[info@biovendor-mdx.com](mailto:info@biovendor-mdx.com)

[www.biovendor.com](http://www.biovendor.com)