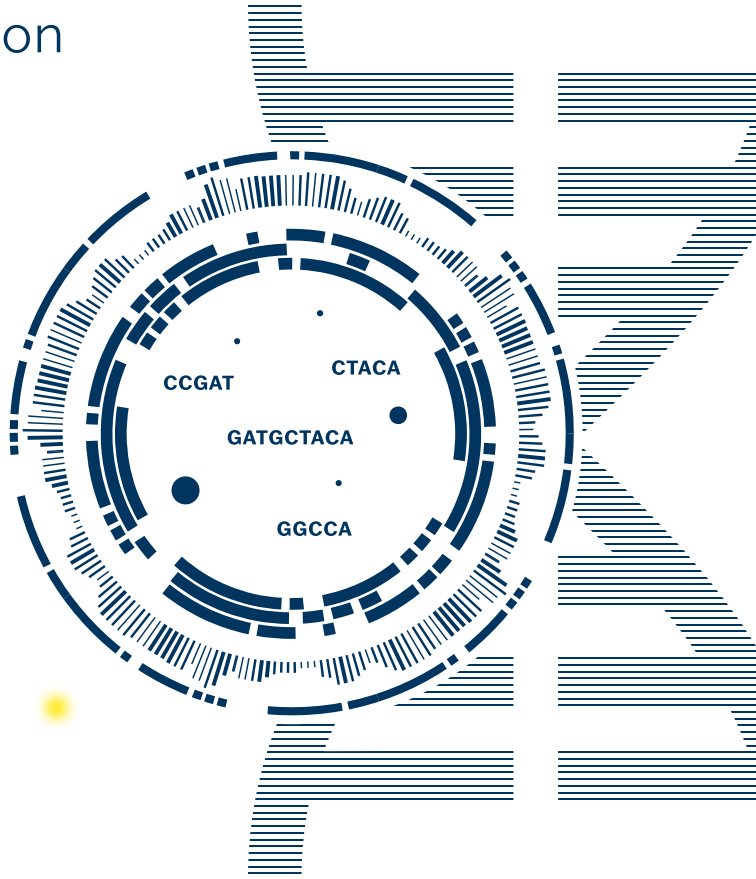
BioVendor Group NGS

epicGEN
Solid Cancer & MSI Kit

Comprehensive NGS solution for oncology

Leverage the power of NGS technology to drive breakthroughs in oncology. Our cutting-edge solution offers a comprehensive approach, ensuring accurate, efficient, and comprehensive genomic analysis.

The new epicGEN Solid Cancer & MSI Kit provides an advanced NGS solution designed to meet the evolving demands of oncological research and diagnostics. With an integrated approach, it streamlines library preparation and data analysis, providing highly reliable results for enhanced research aplication.



5 reasons why epicGEN deserves your attention

Hybrid-capture library preparation

Detect and analyze 44 oncologically relevant genes from less than 1 ng of DNA.

Seamless sequencing workflow

High sensitivity for low-frequency mutations.

Fast and easy data analysis

Advanced bioinformatics software for accurate data interpretation.

MSI analysis

Detect microsatellite instability (MSI) to assess treatment response.

Secure data storage

Reliable infrastructure to store and retrieve sequencing results.

Discover our epicGEN Solid Cancer & MSI Kit on our website.

DNA sample requirements

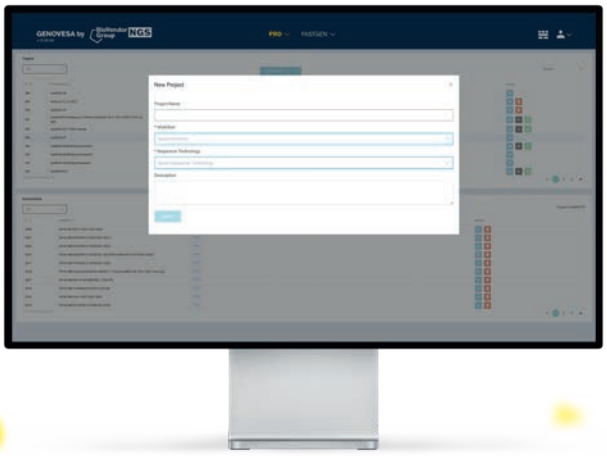
- Less than 1 ng of DNA per sample
- Sample type: Formalin-fixed, Paraffin-embedded (FFPE) tissue
- Suitable for ctDNA and liquid biopsy

All oncologically relevant regions of 44 genes and 13 MSI loci

44 clinically relevant genes	*AKT1*	*ALK*	*ARAF*	*ARID1A*	*ARID1B*	*ATM*	*ATR*
	BRAF	*BRCA1*	*BRCA2*	*CDK12*	*CDKN2A*	*DDR2*	*EGFR*
	ERBB2	*ESR1*	*FAT1*	*FGFR1*	*FGFR2*	*FGFR3*	*FOXL2*
	CHEK1	*IDH1*	*IDH2*	*KEAP1*	*KRAS*	*MAP2K1*	*MET*
	MTOR	*NF1*	*NRAS*	*NTRK1*	*NTRK2*	*NTRK3*	*PALB2*
	PDGFRA	*PIK3CA*	*PIK3R1*	*POLE*	*PTEN*	*RB1*	*RET*
	STK11	*TP53*					
MSI loci	*BAT25*	*BAT26*	*BAT40*	*CAT25*	*D18S58*	*D2S123*	*D5S346*
	MONO27	*NR21*	*NR22*	*NR24*	*NR27*	*TGFBR2*	

GENOVESA software solution included

- User-friendliness
- Automatized bioinformatic analysis of NGS data
- Advanced quality control of sequencing data
- Local clinical database
- Visualization of NGS data
- Data sharing between clinics
- Clinical report generation
- Custom baseline creation



Contact us

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