PANCANCER pro

For the screening of solid tumors

PanCancer Pro is a **capture-based kit** designed for comprehensive molecular profiling of clinically relevant variants implicated in the onset, progression, and therapeutic response of solid tumors.

The panel targets a curated selection of genes with established roles in tumorigenesis, treatment response, prognosis, and hereditary cancer syndromes. By focusing on actionable mutations and applying an optimized design, it ensures high sensitivity and specificity while minimizing background from non-actionable alterations.

This approach provides oncologists and geneticists with robust, clinically meaningful insights, facilitating:

- **Precision treatment selection**
- **Refined prognostic stratification**
- **Accurate assessment of hereditary cancer risk**
- **Streamlined interpretation with reduced noise**

PanCancer Pro thus delivers maximum clinical utility without unnecessary complexity, making it a reliable decision-support tool across diverse oncology workflows.

The kit is validated for germline and somatic analysis (SNPs, indels, CNVs) of DNA extracted from blood or body tissues samples (fresh, frozen, FFPE).

PanCancer pro allows to detect variants linked to **91 genes.**

Curious about the full gene list? Contact our support team for the complete panel details.
support@4bases.ch

4bases PANCANCER pro allows for **precise**, **reliable**, and **effective results**, **speeding up** the activity of clinical reporting.

From DNA to Final data in less than 2.5 days with less than 3 hours hands-on time.

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Specifications

Sample type	DNA extracted from tissues, blood or body fluids
Input	Minimum of 50 ng DNA per sample
Panel size	About 227 Kb
Variant called	SNPS, indels, CNVs
Compatible Instruments	Illumina, Oxford Nanopore Technologies → CE-IVD kit options Ion Torrent, Element Biosciences, MGI, GeneMind → RUO only
Data Analysis	4eVAR
Automation version	Customizable

Cod. kit

Product	Cod.	Tests number
PANCANCER pro CE-IVD	C3200, DC3200	16 & 96
PANCANCER pro RUO	RC3200, RDC3200, RC3200Y	16 & 96

4eVAR: Comprehensive output files for analysis and reporting

- Quality metrics
- Alignment
- CNVs status
- Full variant table
- Genotype
- Coverage
- Mitochondrial analysis
- Customizable report

Data Analysis

Product	Cod.	Tests number
4eVAR	Series A6060-C3200-16	16
4eVAR	Series A6060-C3200-96	96

If you wish to learn more:

Contact us at: info@4bases.ch
4bases SA – www.4bases.ch

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