

BRaCA panel Long

Profiling of BRCA-related cancers

4bases BRaCA panel Long is an **amplicon-based** kit for rapid and cost-effective identification of germline mutations (SNVs, indels, CNVs) in **BRCA-related cancer**.

It allows the identification of mutations in BRCA1 and BRCA2 genes through **Next Generation Sequencing (NGS)**.

Thanks to its long-read capability, the kit allows for accurate analysis of complex and highly homologous genomic regions, and enables precise identification of **deep intronic variants**.

The kit is validated for the analysis of **DNA extracted from blood or tissue samples (fresh or frozen)**.

4bases BRaCA panel Long allows for **precise, reliable, and effective results, speeding up** genomic data analysis workflows.

From DNA to sequencing in less than 2 days with less than 2 hours hands-on time.



Straightforward protocol

Tailor-made protocol for operator's time schedule, presence of many stopping points, reduced hands-on time

Long read sequencing

Enables accurate analysis of complex and highly homologous genomic regions and enables precise identification of deep intronic variants

Platform 4eVAR

Safe and secure data analysis via 4bases proprietary solution, with continuous experienced customer support

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Specifications

Sample type	DNA extracted from body tissues or blood
Input	Minimum of 100 ng DNA per sample
Panel size	170 kb
Gene content	BRCA1, BRCA2 (intronic regions & whole exons)
Variant called	SNPS, indels, CNVs
Compatible Instrument	Oxford Nanopore Technologies
Data Analysis	4eVAR

Cod. kit

Product	Cod.	Tests number
BRaCA panel Long	RH1070L	16
BRaCA panel Long	RH1070L	96

4eVAR: Comprehensive output files for analysis and reporting



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

Data Analysis

Product	Cod.	Tests number
4eVAR	A6060-RH1070L-16	16
4eVAR	A6060-RH1070L-96	96

If you wish to learn more:



Contact us at: info@4bases.ch
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