

# Devyser HBOC for NGS

## Devyser HBOC gene panel for NGS

- Targeted sequencing of 12 genes associated with breast and ovarian cancer in germline samples
- High uniformity allows for reduced costs by maximising sample capacity on every NGS flowcell
- Can be used as a follow-up after negative BRCA testing, or simultaneously with Devyser BRCA for analysis of 14 genes
- User friendly workflow with under 45 mins hands-on time
- Ready-to-use kit including all necessary reagents for a rapid set-up and analysis
- Customised data interpretation software for straightforward data analysis

## Genetic Testing for Hereditary Breast and Ovarian Cancers

The Devyser HBOC gene panel has been developed with an integrative approach towards the varying literature and expert recommendations for follow-up after negative BRCA testing. It can also be employed as a first-line protocol simultaneously with BRCA1 and BRCA2, extending the screening by an additional 12 genes. It's purpose is to pinpoint mutations in genes with a recognised connection to the development of breast and ovarian cancers.

The Devyser HBOC kit is easy to implement with ready-to-use reagents, less than 45 minutes hands-on time and customised data interpretation software, making it a good match for laboratories of any size. The targeted sequencing approach combined with uniform coverage of target regions maximises the output of relevant sequencing data in every run.

Genetic testing of these genes may help guide treatment and management decisions. Identification of a disease-causing variant would also guide testing of at-risk relatives. This test is specifically designed for heritable germline mutations.

*Devyser. Results for life.*

*Devyser is specialized in the development, manufacture and sales of diagnostic kits for complex DNA testing. The products are used to guide targeted cancer therapies, to enable rapid prenatal diagnostics as well as in a wide array of genetic tests. Devyser's product development focuses on simplifying and streamlining complex testing processes to improve throughput, reduce hands-on time and produce accurate and trusted results.*



## Product Details

### CE-IVD certified

#### Assay Principle:

Targeted sample library preparation. Standardized sample barcoding and sample pooling for NGS sequencing.

#### Compatible NGS Instruments:

Illumina MiSeq®  
Contact [info@devyser.com](mailto:info@devyser.com) for latest list of compatible instruments.

#### Ready to use.

#### Article number:

Devyser HBOC  
8-A111-24 (24 Tests)  
8-A111-48 (48 Tests)

#### Complementary Kits:

Devyser BRCA  
8-A100-8 (8 Tests)  
8-A100-24 (24 Tests)  
8-A100-96 (96 Tests)

#### Accessories:

Devyser Library Clean  
8-A204

## Contact

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# DEVYSER HBOC

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Genes covered:

ATM, BARD1, BRIP1, CDH1, CHEK2, NBN, PALB2,  
PTEN, RAD51C, RAD51D, STK11, TP53

<45

Minutes hands-on time

<5

Hours total process time

10 ng

Input DNA required per PCR reaction

Illumina®

Platform

190 bp

Average amplicon length

2

PCR mixes per sample  
(pooled after first PCR)

## RELATED PRODUCTS

### Devyser BRCA

Genes covered:  
BRCA1, BRCA2