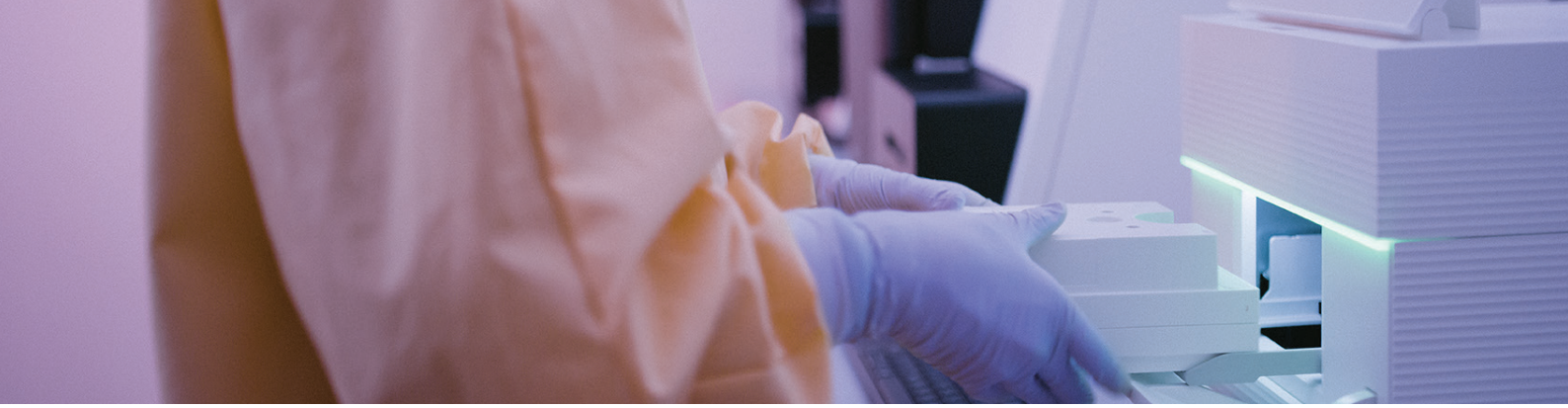


Devyser HBOC NGS

Devyser HBOC is a CE-IVD kit intended for the detection of germline sequence variants in 12 genes associated with an increased risk of developing breast and/or ovarian cancer.

"The availability of newly detected variants in open databases combined with the efforts to improve the capacity to interpret and communicate detected variants, will facilitate the improved counseling of tested patients."

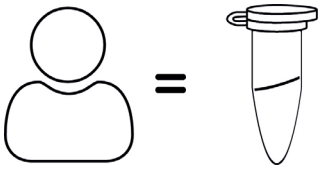
Devyser Insights, Next Generation Sequencing: Full gene sequencing of BRCA1 and BRCA2

Targeted sequencing of 12 genes relevant for hereditary breast and ovarian cancers (HBOC)
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. Can be used simultaneously with Devyser BRCA for analysis of 14 genes.

Fast and simple NGS workflow
From DNA to sequencing in less than 5 hours with less than 45 min hands-on time.

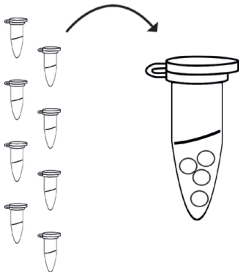
End-to-end CE-IVD solution
Standardised and validated routine workflow according to the European Regulations and guidelines.

Simple NGS workflow



Target amplification
Single-tube library protocol reduces the risk for sample mix up and contamination and minimizes the hands-on time

Sample indexing
All indexes are delivered pre-dispensed in strip or plate format to minimize the hands-on time and reduce the risk for sample mix up or contamination.



Library cleanup
All patient samples are pooled to a single tube before clean-up, again reducing the hands-on time and simplifying the workflow.

Dvysr®

Read more about the product:
devyser.com/products/devyser-hboc-ngs

Key features and benefits of Devyser HBOC

- Detect mutations in genes with a recognised connection to the development of breast and ovarian cancers
- Can be used as a follow-up after negative BRCA testing, or combined with Devyser BRCA for analysis of 14 genes in total
- End-to-end CE-IVD solution including NGS library preparation and a customised data interpretation software
- Targeted sequencing with high uniformity reduces sequencing costs by maximising sample capacity on every NGS flowcell

Genes included in the Devyser HBOC gene panel

ATM
PTEN
BARD1
RAD51C
RAD51D
BRIP1
CDH1
STK11
CHEK2
TP53
NBN
PALB2
BRCA1*
BRCA2*

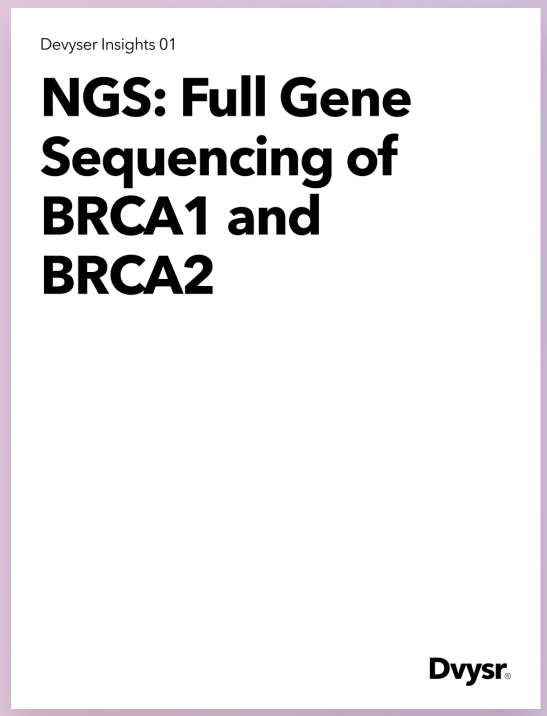
*through combined protocol with Devyser BRCA

Please check regulatory status in your country.

Dvysr®

Discover our Devyser Insight article:
NGS: Full gene sequencing of BRCA1 and BRCA2

With the increasing use of new sequencing technologies such as NGS, the number of detected variants in BRCA1 and BRCA2 are increasing fast. As a consequence, the absolute numbers of Variants of Uncertain Significance (VUS) are also increasing. It will eventually be possible to classify these variants as more studies are completed, but for now the uncertainty concerning their clinical importance remains. When one or more VUS are detected in patients undergoing genetic testing of BRCA1 and BRCA2, counseling is difficult.



Article numbers

- Devyser HBOC CE-IVD kit
  8-A111-24 (24 tests)
  8-A111-48 (96 tests)
- Devyser BRCA CE-IVD kit
  8-A100-8 (8 tests)
  8-A100-24 (24 tests)
  8-A100-96 (96 tests)

Accessories

- Devyser Library Clean
  8-A204
- Devyser Index Plate A
  8-A200

www.devyser.com

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