

**ANALYTE:  
BRCA2**

<b>NAME:</b>	BRCA2 DNA repair associated
<b>SYMBOL:</b>	BRCA2
<b>VERSION OF ORPHANET:</b>	2023-06-22 14:14:43
<b>SYNONYMS:</b>	BRCA1/BRCA2-containing complex, subunit 2 BRCC2 FAD FAD1 XRCC11
<b>XREF(S):</b>	<a href="#">Orphanet</a> <a href="#">SwissProt</a> <a href="#">Ensembl</a> <a href="#">Genatlas</a> <a href="#">HGNC</a> <a href="#">OMIM</a> <a href="#">Reactome</a>
<b>CREATED:</b>	13 May 2019 - 01:01
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## RELATED CONTENT

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### Related Genetic Tests

- [Breast Cancer Trial](#)
- [Breast and Ovarian Cancer, HBOC, Familial \(17 genes\)](#)
- [Breast and Ovarian Cancer, HBOC, Familial \(gene panel\)](#)
- [Breast and Ovarian Cancer, HBOC, Familial \(gene panel\)](#)
- [Breast and Ovarian Cancer, HBOC, Hereditary](#)
- [Breast and Ovarian Cancer, hereditary, HBOC, Familial \(gene panel\)](#)
- [Breast and Ovarian cancer, HBOC, familial \(gene panel - 26 genes\)](#)
- [Breast cancer, hereditary \(gene panel\)](#)
- [Congenital malformation \(gene panel - 1721 genes\)](#)
- [Familial cancer predisposition \(gene panel\)](#)
- [Fanconi anemia \(gene panel\)](#)
- [Gastric Cancer \(10 genes\)](#)
- [Germline analysis of BRCA1/2 for iPARP treatment](#)
- [Hereditary Breast and Ovarian Cancer, HBOC \(13 genes\)](#)
- [Hereditary cancer \(Breast, ovary, colon\) \(26 genes\)](#)
- [Hereditary cancer \(gene panel\)](#)
- [Hereditary cancer panel \(gene panel\)](#)
- [Intellectual disability \(virtual gene panel\)](#)
- [Maffucci syndrome \(gene panel\)](#)
- [Metastatic Breast or Pancreatic or Prostate Cancer](#)
- [Myeloid/lymphoid neoplasms with germline predisposition \(gene panel\)](#)
- [Neurodevelopmental disorders \(1300 genes\)](#)
- [Neurodevelopmental disorders \(gene panel\)](#)
- [Overgrowth & vascular anomalies \(gene panel\)](#)
- [Pancreatic cancer \(12 genes\)](#)
- [Pancreatic cancer \(gene panel\)](#)

- Pancreatic cancer, familial (gene panel)
- Pediatric oncopredisposition (gene panel)
- Prostate Cancer (7 genes)
- Prostate cancer (gene panel)
- Prostate cancer susceptibility (7 genes)
- Somatic analysis of the BRCA genes (2 genes)
- Somatic analysis of the BRCA genes in the context of ovarian cancer treatment (2 genes)
- Somatic analysis of the BRCA genes in the context of ovarian cancer treatment (2 genes)
- Somatic analysis of the BRCA genes in the context of ovarian cancer treatment (BRCA1; BRCA2 genes)
- Sturge-Weber syndrome (gene panel)
- « Inherited bone marrow failures syndromes » with or without organ dysfunction

## Related Diseases

- Cholangiocarcinoma
- Chordoma
- Familial pancreatic carcinoma
- Familial prostate cancer
- Fanconi anemia
- Hereditary breast and/or ovarian cancer syndrome
- Hereditary breast cancer
- Hereditary site-specific ovarian cancer syndrome
- Inherited cancer-predisposing syndrome due to biallelic BRCA2 mutations
- Nephroblastoma

## Related Gene Panels

- Extended Breast Cancer Panel (26 gene) - VUB
- Breast and ovarian cancer - UGent
- Breast cancer, hereditary (13 genes) - ULG
- Breast/ ovarian cancer (12 genes) - UZA

- Breast/ ovarian cancer (15 genes) - KUL
- Breast/Ovarian cancer (26 genes) - ULB
- Breast/Ovarian cancer (gene panel) - IPG
- Breast/ovarian cancer (12 genes) - UCL
- Cancer (Breast, ovary, colon,...) (26 genes) - ULG
- Congenital malformation (1721 genes) - ULB
- Familial pancreatic cancer
- Familial pancreatic cancer - UGent
- Fanconi anemia - UGent
- Gastric cancer (10 genes) - KUL
- Germline analysis of BRCA1/2 for iPARP treatment
- Hematologic Familiar Forms - ULG
- Hereditary Cancer Solution (35 genes) - UCL
- Hereditary breast and ovarian cancer (26 genes) - CHULg
- Hereditary cancer predisposition - UGent
- Hereditary predisposition to cancer (47 genes) - IPG
- Intellectual disability (gene panel)
- Maffucci syndrome (65 genes) - KUL
- Neurodevelopmental disorders (1300 genes) - ULB
- Neurodevelopmental disorders: developmental delay, intellectual disability, autistic disorders (1162 genes) - VUB
- Overgrowth & vascular anomalies (65 genes) - KUL
- Pancreas cancer (12 genes-) - ULB
- Pancreatic Cancer (9 genes) - KUL
- Pediatric oncopredisposition - UGent
- Prostate Cancer (3 genes) - KUL
- Prostate cancer (7 genes) - KUL
- Prostate cancer - UGent
- Prostate cancer susceptibility (7 genes) - ULB
- Sturge-Weber syndrome (65 genes) - KUL

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