

**GENETIC TEST:**  
**Breast and Ovarian Cancer, HBOC, Hereditary**

|                                   |   |
|-----------------------------------|---|
| <b>FULL NAME:</b>                 | Breast and Ovarian Cancer, HBOC, Hereditary   |
| <b>TEST TYPE:</b>                 | Clinical  |
| <b>TEST SPECIALTY:</b>            | Molecular Genetics  |
| <b>TEST PURPOSE:</b>              | Mutation confirmation,<br>Post-natal Diagnosis,<br>Pre-implantation genetic diagnosis,<br>Predictive and Pre-symptomatic diagnosis,<br>Therapeutic Management |
| <b>SPECIMEN:</b>                  | Peripheral (whole) blood on EDTA,<br>DNA  |
| <b>METHOD CATEGORY:</b>           | Sequence analysis: entire coding region<br>Deletion/duplication analysis  |
| <b>METHOD TECHNIQUE:</b>          | Next Generation Sequencing (NGS)<br>digitalMLPA based techniques  |
| <b>RIZIV CODE:</b>                | 565552-565563   |
| <b>ACCREDITATION (ISO 15189):</b> | 2021-09-11 / 2026-09-10   |

|                                   |  |
|-----------------------------------|--|
| <b>EQA:</b>                       | <ul style="list-style-type: none"><li>• Familial Breast/Ovarian Cancer (full version),</li><li>• Familial Breast/Ovarian Cancer (full version),</li><li>• Hereditary Breast and Ovarian Cancer (panel testing)</li></ul> |
| <b>TURNAROUND TIME (MAXIMUM):</b> | 4 months (please inform the lab for urgent cases)  |
| <b>CREATED:</b>                   | 29 Jul 2019 - 08:47  |
| <b>CHANGED:</b>                   | 20 Sep 2023 - 13:12  |

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## RELATED CONTENT

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### Related Diseases

- [Hereditary breast and/or ovarian cancer syndrome](#)
- [Hereditary breast cancer](#)

### Related Laboratories

- [Centrum Medische Genetica - UZ Gent](#)

### Related Analytes

- [ATM serine/threonine kinase](#)
- [BRCA1 associated RING domain 1](#)
- [BRCA1 DNA repair associated](#)
- [BRCA2 DNA repair associated](#)
- [BRCA1 interacting helicase 1](#)
- [checkpoint kinase 2](#)
- [mutL homolog 1](#)
- [mutS homolog 2](#)
- [mutS homolog 6](#)
- [partner and localizer of BRCA2](#)
- [RAD51 paralog C](#)
- [RAD51 paralog D](#)
- [tumor protein p53](#)

## Related Gene Panels

- [Breast and ovarian cancer - UGent](#)

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