

# TECHNICAL BULLETIN

## Effective Date: Immediate Change

### Title: BRCA Testing

Northwell Health Laboratories is pleased to announce the availability of improved BRCA testing for clinicians to order. The improved testing is indicated for patients with a potential genetic basis for cancer, including both breast and ovarian cancer. Specifically we now offer a range of BRCA1 and BRCA2 tests. This ranges from Founder mutation testing in Ashkenazi Jews to broader next generation sequencing panels which include a variety of other genes (ie. PALB2 etc) that contribute to a patient's risk for breast and ovarian cancer. These test methods ensure the highest detection rates of pathogenic mutations. Information of BRCA1 or BRCA2 status can impact the management of a patient and his/her family members. There are described management plans that are designed to decrease the morbidity and mortality within families who carry BRCA1 or BRCA2 mutations.

As with all genetic tests, there are many dedicated medical genetic specialists (ie. genetic counselors) who can offer genetic counseling. These services are available at Northwell Health, either through the Division of Medical Genetics (516-918-4800) or through the Northwell Health Genomics Alliance (888-729-1203)

### Reference Values: **Negative (No Mutation Identified)**

**Specimen Requirements: Tube: Lavender Top**  
**Specimen: 3 - 5 mL Whole Blood**  
**Transport Temperature: Room Temperature**

Test Code	Name	Computer Interface Code PDM Code
BRCA1/2	<a href="#">BRCA1/BRCA2 Ashkenazi Founder Panel</a>	1659840
BRCA1/2 Seq	<a href="#">BRCA 1/2 Sequencing &amp; Deletion/Duplication</a>	1659891
BC High/Mod	<a href="#">Breast Cancer High/Moderate Risk Panel (8 gene panel)</a>	1659915
B/O Cancer	<a href="#">Breast/Ovarian Cancer Panel</a>	1659839
BrstHi Risk	<a href="#">Breast Cancer High Risk Panel</a>	1659868
BrstHR+PALB2	<a href="#">Breast Cancer High Risk Panel and PALB2</a>	1659885

If you have any questions, please contact Client Services at (516) 719-1100.