**BRCA1/BRCA2 (Selected Variants)**

You may have an increased risk of developing male breast cancer and prostate cancer.

**How To Use This Test**

Biological basis: BRCA1/BRCA2 are tumor suppressor genes involved in DNA repair.

Test Performance: Sensitivity of the BRCA1/BRCA2 test is 97.8% and specificity is 96.4%.

**Indication**

- You were diagnosed with breast cancer or ovarian cancer before age 65
- You have a strong family history of breast cancer or ovarian cancer
- You are of African American or Ashkenazi Jewish ancestry

**How to interpret results**

- **Positive**: You have a mutation in either the BRCA1 or BRCA2 gene.
- **Negative**: You do not have a mutation in either gene.
- **Recessive**: You have a variant that needs further analysis.

**Important Information**

- Your genetic counseling should include information on genetic testing, its limitations, and the implications of a positive result.

**You have an increased risk of developing male breast cancer**

- Men with a BRCA1 or BRCA2 mutation have an increased risk of developing male breast cancer.

**You have an increased risk of developing prostate cancer**

- Men with a BRCA1 or BRCA2 mutation have an increased risk of developing prostate cancer.

**Important Note**

- This test is not a medical diagnosis. Genetic counseling is recommended for those with a positive result.

**About BRCA1/BRCA2 Related Cancers**

- Breast cancer:
  - BRCA1 and BRCA2 mutations are associated with increased risk of breast cancer, particularly in younger women.
  - Men and children with BRCA2 mutations also have a higher risk of breast cancer.
- Ovarian cancer:
  - Women with BRCA1 or BRCA2 mutations have a significantly increased risk of ovarian cancer.
  - Men with BRCA2 mutations also have a slightly increased risk of ovarian cancer.
- Prostate cancer:
  - Men with BRCA1 or BRCA2 mutations have a slightly increased risk of prostate cancer.
  - Women with BRCA2 mutations may have an increased risk of prostate cancer.

**Contact Information**

For more information, please contact your healthcare provider or genetic counselor.

**It is important to discuss the result with a healthcare professional.**

If you have any questions or concerns, please consult with a healthcare professional or genetic counselor.
## Frequently Asked Questions

### What does this bird say?
- **No.**

### What does this bird eat?
- **No.**

### The reason one or more included in the list are correct in spite of the statements?
- **Where can I find more about the subject group, and other sources?**

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