play (screen reader) do not have the three genetic variants we tested.
You do not have the three genetic variants we tested. Based on your test results, you have a low risk of developing breast or ovarian cancer due to your BRCA1/BRCA2 mutation.

In the general population, about 1 in 9 men and 1 in 40 women will develop breast cancer during their lifetime. About 10% of all breast cancers are hereditary, and most of these cases are related to mutations in BRCA1 or BRCA2.

Lifestyle, family history, and other factors can also influence the chances of developing male breast cancer and prostate cancer.

You must consult with a healthcare professional for advice or testing.

About BRCA1/BRCA2-related Cancers
BRCA1 and BRCA2 are tumor suppressor genes that play a critical role in controlling the growth and development of cells. Mutation in these genes can lead to an increased risk of developing certain types of cancer, including breast and ovarian cancer.

Learn more about BRCA1/BRCA2-related cancers.
### Scientific Study

#### Table 1: Sample Data

<table>
<thead>
<tr>
<th>Group</th>
<th>Mean</th>
<th>Standard Deviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control</td>
<td>10.5</td>
<td>2.3</td>
</tr>
<tr>
<td>Test</td>
<td>12.0</td>
<td>3.1</td>
</tr>
</tbody>
</table>

#### Figure 1: Study Design

- [Study Design](#)

### Summary Interpretation

- **Node Relationships:**
  - Node 1: **A**
  - Node 2: **B**
  - Node 3: **C**

### Other Notes

- A detailed analysis of the data is provided in the supplementary material.

### Cancer Screening Guidelines

- [Guideline 1](#)
- [Guideline 2](#)

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### References

- [Reference 1](#)
- [Reference 2](#)
- [Reference 3](#)
Frequently Asked Questions

Specific genetic variants in the BRCA1 and BRCA2 genes are associated with an increased risk of developing certain cancers, including breast cancer in women and men and ovarian cancer. These variants may also be associated with an increased risk for prostate cancer and certain other cancers. This text includes three genetic variants in the BRCA1 and BRCA2 genes that are most common in people of Ashkenazi Jewish descent.

**BRCA1/BRCA2 (Selected Variants)**

What does this text do?

The report says the variants included in this text are most common in people of Ashkenazi Jewish descent. What if I’m not of Ashkenazi Jewish descent?

Where can I learn more about cancer, support groups, and other resources?

My report says zero variants were detected. What does this mean?

This means you do not have any of the three genetic variants we tested. However, it does not mean your cancer risk is reduced. You could still have a variant that is not included in this text. In addition, most cases of cancer are not caused by inherited genetic variants, so factors such as lifestyle, environment, and family history are also important.

The three genetic variants we tested account for only a small percentage of cases of male breast cancer and prostate cancer. So even though you don’t have any of the variants we tested, you still have a risk of developing male breast cancer and prostate cancer.

About 1 in 9 men develop prostate cancer during their lifetime, and 1 in 80 develops male breast cancer. The risk is higher in men with a family history of breast, prostate, or ovarian cancer.

Other factors can also affect your risk of developing male breast cancer and prostate cancer, even if you do not have any genetic variants. Learn more about other factors.

Is this answer helpful? Yes No

My report says zero variants were detected. Does this mean I’m not at risk of developing male breast cancer and prostate cancer?

No. Men with zero variants detected still have a risk of developing male breast cancer and prostate cancer. You could still have a variant that is not included in this text, even though none were found.

About 1 in 9 men develop prostate cancer during their lifetime, and 1 in 80 develops male breast cancer. The risk is higher in men with a family history of breast, prostate, or ovarian cancer.

Other factors can also affect your risk of developing male breast cancer and prostate cancer, even if you do not have any genetic variants. Learn more about other factors.

Is this answer helpful? Yes No

Men with a family history of male breast cancer or prostate cancer have a higher risk of developing these cancers themselves. All men with a family history of male breast or ovarian cancer is also associated with an increased risk for male breast cancer and prostate cancer.

You do not have any of the three genetic variants we tested. But there are over 1,000 variants in the BRCA1 and BRCA2 genes associated with an increased risk for male breast cancer and prostate cancer. Our test only includes three of those variants. Variants in other genes have also been linked to hereditary male breast cancer and prostate cancer, and non-genetic factors also influence a man’s risk of developing these cancers. Learn more about other factors.

It is important to discuss your personal or family history of cancer with a healthcare professional, who can help you determine if additional genetic testing is appropriate. Genetic counseling can also help you understand your results and your options for additional testing. Learn more about genetic counseling.

Is this answer helpful? Yes No

Your genetic result means you do not have any of the three genetic variants we tested. However, because these genetic variants only account for a small percentage of male breast cancer and prostate cancers, your result doesn’t give you much new information about your risk for these cancers.

There are many other genetic and non-genetic factors that can affect your risk, which this text does not take into account. Learn more about other factors.

It is important to continue with any cancer screenings your healthcare provider recommends. Learn more about cancer screening.

Talk to a healthcare professional if:

- You have a personal or family history of breast cancer, prostate cancer, or any other type of cancer.
- You think you might have male breast cancer, prostate cancer, or any other type of cancer.
- You have questions about other risk factors you may have.

Is this answer helpful? Yes No

Have more questions? Check out our Customer Care Help Center.