Choose your health reports

Our health reports provide information about genetic risks for health conditions that could be relevant for you, your children, and potentially other family members. Deciding whether or not you want to learn about these risks is a personal choice. Keep in mind that our reports **do not diagnose** any health conditions, and results should **not** be used to make medical decisions. Consult with a healthcare professional for help interpreting and using genetic results.

If you click "I do", you will receive Genetic Health Risk and Carrier Status reports. Some of these reports will require you to make an additional choice on the next screen.

Would you like to receive your health reports?

- (●) I **DO** want to receive my health reports
- ( ) I **DO NOT** want to receive my health reports
- ( ) Ask me again later

Continue

Choose your health reports (continued)

Some of the reports below are about serious diseases that may not currently have an effective treatment or cure. Others may have effective treatment or prevention options, but these actions may carry their own health risks. If you tend to feel anxious or have ever been diagnosed with anxiety or depression, you may have more emotional difficulty with these reports. Also consider:

- Having a risk variant does not mean that you will definitely develop the condition.
- If you receive a "variant not detected" result, you could still have a genetic variant not included in the test.
- Knowing or telling others about your genetic risks could affect your ability to get some kinds of insurance. (Learn more about privacy here.)
- Genetic testing for these conditions in the general population is not currently recommended by **any** healthcare professional organizations.

If you do decide to view these reports, your reports will provide information about resources that may be helpful, including support groups, genetic counseling, and how to discuss results with family.

Would you like to receive the following reports?

Late-Onset Alzheimer's Disease Report Learn more	Yes	No	Ask me again later
Parkinson's Disease Report Learn more	Yes	No	Ask me again later
BRCA1/BRCA2 (Selected Variants) Report Learn more	Yes	No	Ask me again later

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Choose your health reports (continued)

BRCA1/BRCA2 (Selected Variants)

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. This test includes three genetic variants in the BRCA1 and BRCA2 genes that are most common in people of **Ashkenazi Jewish** descent.

Consider the following when deciding whether or not to view this report:

- Most cases of breast, ovarian, prostate, and other cancers are not caused by inherited genetic variants. Factors such as lifestyle, environment, and family history are also important.
- About 1 in 40 Ashkenazi Jewish individuals has one of the three variants in this report. **These three variants are much less common in people of other ethnicities**. In 23andMe customers of other ethnicities, between 0% and 0.1% of individuals has one of the three variants in this report.
- The report does **not** include all variants in the BRCA1 and BRCA2 genes linked to hereditary breast, ovarian, and prostate cancer. More than 1,000 variants in the BRCA1 and BRCA2 genes are known to increase cancer risk. Only three of those variants are included in this report. Furthermore, this report does not include variants in other genes linked to hereditary cancers. People with a personal or family history of cancer should talk with a genetic counselor to determine if additional genetic testing is appropriate.
- Many people will receive a test report indicating that no genetic variants were detected. If you receive this result, it does **not** mean your cancer risk is reduced. You could still have a variant that is not included in this test. 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. If you have a family history of cancer, it is important to talk with your doctor or a genetic counselor to understand how all of these factors, along with the results of this test, may impact your cancer risk.
- **BRCA1 cancer risks**: Women with a BRCA1 variant have a 45-85% chance of developing breast cancer by age 70 and a 39-46% chance of developing ovarian cancer by age 70. Men a BRCA1 variant have 1-2% lifetime risk of developing male breast cancer and may also have an increased risk for prostate cancer, although increased risk was not observed in some studies. Women and men with a BRCA1 variant may also have an increased risk for pancreatic cancer, and more research is needed to determine whether they have an increased risk for melanoma.
- **BRCA2 cancer risks:** Women with a BRCA2 variant have a 45-85% chance of developing breast cancer by 70 and a 10-27% chance of developing ovarian cancer by age 70. Men with a BRCA2 variant have a 7-8% lifetime risk of developing male breast cancer and an increased risk for prostate cancer. Women and men with a BRCA2 variant may also have an increased risk for pancreatic cancer and melanoma.
- Results from this test should not be used to make medical decisions and should be confirmed in a clinical setting before taking any medical action. For people with a variant detected, preventive measures such as increased cancer screening and risk-reducing surgery or medication may be considered, in consultation with your doctor or another healthcare professional. These interventions can be life-saving and have the potential to greatly reduce the risk of developing certain types of cancer. Always consult with a healthcare professional before taking any medical action.