MyRisk™
Hereditary Cancer Test

Negative result

Understanding a negative result

A guide to understanding risk and taking action

Myriad genetics

Health. Illuminated.

Negative result

Understanding your Myriad MyRisk™ hereditary cancer test result

Your Myriad Genetics MyRisk Hereditary Cancer test has three main sections which are summarized in the banner on the first page. Throughout the report, these sections can be identified by the title on the top left of each page of the report.

1. Genetic result
2. Clinical & cancer family history information
3. Management tool

1 Genetic result

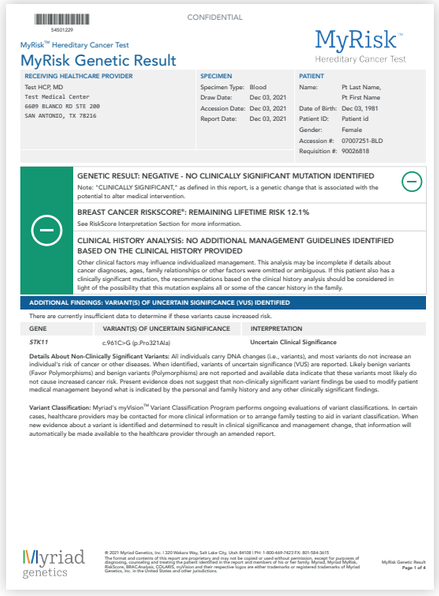
The MyRisk test looks at multiple genes associated with hereditary cancer risk. When a gene has a clinically significant mutation, or harmful change, there is a higher chance for certain cancers to develop. A list of the genes evaluated on your test can be found in this section of your report. The gene table on our website includes information about each gene and the cancers with which it is associated.

Your genetic result was NEGATIVE!

This means that no clinically significant mutations were found in any of the genes analyzed as part of your testing. This does not mean that you have no cancer risk; it means that you did not inherit a harmful genetic change identified in any of the genes analyzed. Additionally, you cannot pass a clinically significant mutation in these genes to your children.

If a variant of uncertain clinical significance (VUS) was identified, it will also be listed in the genetic result section. A VUS is a genetic change that may or may not be contributing to your cancer risk. We are committed to identifying new and relevant information so that we can better understand these genetic changes and what they mean for your cancer risk. If updated information is available about your specific VUS, that information will be shared with your healthcare provider. A VUS is not considered to be clinically actionable so medical care decisions should not be made based on a VUS.

Your negative result **DOES NOT** mean that other relatives, such as your brothers and sisters, parents, aunts and uncles, cousins, or other family members do not have a harmful genetic change that could increase their risk for cancer. If there is a family history of cancer, your relatives should still discuss their history with their own health care providers.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MyRisk™ Hereditary Cancer Test

MyRisk Genetic Result

RECEIVING HEALTHCARE PROVIDER
Test HCP, MD
Test Medical Center
6689 BLANCO RD STE 200
SAN ANTONIO, TX 78216

SPECIMEN
Specimen Type: Blood
Draw Date: Dec 03, 2021
Accession Date: Dec 03, 2021
Report Date: Dec 03, 2021

PATIENT
Name: Pt Last Name, Pt First Name
Date of Birth: Dec 03, 1981
Patient ID: Patient id
Gender: Female
Accession #: 07007251-BLD
Requisition #: 90026818

GENETIC RESULT: NEGATIVE - NO CLINICALLY SIGNIFICANT MUTATION IDENTIFIED
Note: "CLINICALLY SIGNIFICANT," as defined in this report, is a genetic change that is associated with the potential to alter medical intervention.

BREAST CANCER RISKSCORE®: REMAINING LIFETIME RISK 12.1%
See RiskScore Interpretation Section for more information.

CLINICAL HISTORY ANALYSIS: NO ADDITIONAL MANAGEMENT GUIDELINES IDENTIFIED BASED ON THE CLINICAL HISTORY PROVIDED
Other clinical factors may influence individualized management. This analysis may be incomplete if details about cancer diagnoses, ages, family relationships or other factors were omitted or ambiguous. If this patient also has a clinically significant mutation, the recommendations based on the clinical history analysis should be considered in light of the possibility that this mutation explains all or some of the cancer history in the family.

ADDITIONAL FINDINGS: VARIANT(S) OF UNCERTAIN SIGNIFICANCE (VUS) IDENTIFIED
There are currently insufficient data to determine if these variants cause increased risk.

GENE	VARIANT(S) OF UNCERTAIN SIGNIFICANCE	INTERPRETATION
STK11	c.961C>G (p.Pro321Ala)	Uncertain Clinical Significance

Details About Non-Clinically Significant Variants: All individuals carry DNA changes (i.e., variants), and most variants do not increase an individual's risk of cancer or other diseases. When identified, variants of uncertain significance (VUS) are reported. Likely benign variants (Favor Polymorphisms) and benign variants (Polymorphisms) are not reported and available data indicate that these variants most likely do not cause increased cancer risk. Present evidence does not suggest that non-clinically significant variant findings be used to modify patient medical management beyond what is indicated by the personal and family history and any other clinically significant findings.

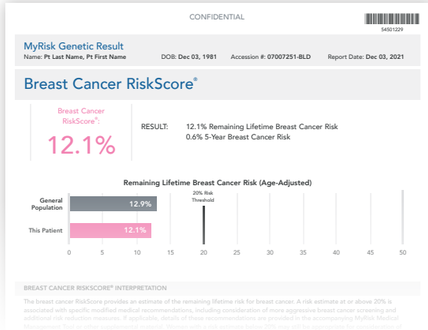
Variant Classification: Myriad's myVision™ Variant Classification Program performs ongoing evaluations of variant classifications. In certain cases, healthcare providers may be contacted for more clinical information or to arrange family testing to aid in variant classification. When new evidence about a variant is identified and determined to result in clinical significance and management change, that information will automatically be made available to the healthcare provider through an amended report.

Myriad genetics

Negative results with SINGLE-SITE testing: If a member of your family has tested positive for a clinically significant mutation, your provider may have ordered testing for only that specific genetic change. This is known as single-site testing. If you get a negative single-site test result, you DO NOT carry the same clinically significant mutation found in your relative. Since single-site testing does not look for other genetic changes or assess risk from family history, this is not a comprehensive risk assessment.

Breast cancer RiskScore™

You may or may not see a breast cancer RiskScore and/or a Tyrer-Cuzick breast cancer risk assessment in this section of the report. This is calculated for women who meet certain criteria and have never been diagnosed with breast cancer themselves.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MyRisk Genetic Result
Name: Pt Last Name, Pt First Name DOB: Dec 03, 1981 Accession #: 07007251-BLD Report Date: Dec 03, 2021

Breast Cancer RiskScore®

Breast Cancer RiskScore®: 12.1%

RESULT: 12.1% Remaining Lifetime Breast Cancer Risk
0.6% 5-Year Breast Cancer Risk

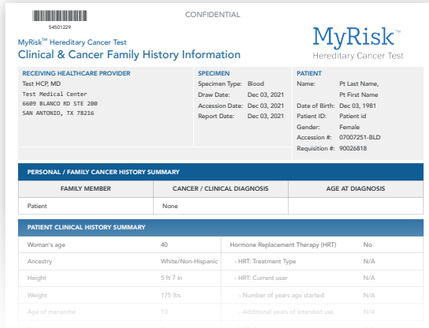
Remaining Lifetime Breast Cancer Risk (Age-Adjusted)

BREAST CANCER RISKSCORE® INTERPRETATION

The breast cancer RiskScore provides an estimate of the remaining lifetime risk for breast cancer. A risk estimate at or above 20% is associated with specific modified medical recommendations, including consideration of more aggressive breast cancer screening and additional risk reduction measures. If applicable, details of these recommendations are provided in the accompanying MyRisk Medical Management Tool or other supplemental material. Women with a risk estimate below 20% may still be appropriate for increased screening

2 Clinical & cancer family history information

The Clinical & Cancer Family History Information section reviews the medical information that your healthcare provider gave us about you and your family. Certain types of cancer in the family, or cancers diagnosed at early ages can indicate that someone may have an elevated risk, even if no clinically significant mutations are found.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MyRisk™ Hereditary Cancer Test

Clinical & Cancer Family History Information

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Requisition #: 90026818

PERSONAL / FAMILY CANCER HISTORY SUMMARY

FAMILY MEMBER	CANCER / CLINICAL DIAGNOSIS	AGE AT DIAGNOSIS
Patient	None	

PATIENT CLINICAL HISTORY SUMMARY

Woman's age	40	Hormone Replacement Therapy (HRT)	No
Ancestry	White/Non-Hispanic	- HRT: Treatment Type	N/A
Height	5 ft 7 in	- HRT: Current user	N/A
Weight	175 lbs	- Number of years ago started	N/A
Age of menarche	13	- Additional years of intended use	N/A

3 Management tool

In addition to your negative genetic test result, we did not identify any recommendations for changes to your medical care based on the personal and family history we received from your healthcare provider. If you received RiskScore and/or a Tyrer-Cuzick breast cancer risk assessment, it will show your estimated lifetime risk of developing breast cancer. Risk below 20% is generally not considered clinically actionable, while risk above 20% suggests that additional breast screening is recommended.

Personal and family histories can change over time, so it is important to keep your healthcare providers up to date regarding any changes.


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MyRisk™ Hereditary Cancer Test

MyRisk Management Tool

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No clinically significant mutations were identified in this patient. However, based on personal/family history, the patient's cancer risks may still be increased over the general population. See information below.

Please see this Genetic Test Result for more details on any variant(s) detected in this patient, including variant classification information.

Resources

Your healthcare provider is always your primary resource. You can find additional information and educational material at **www.mysupport360.com.**

You can request a consultation with a genetic counselor at Myriad by going to **my.myriad.com/consults**. During your consultation, the genetic counselor can help you understand your report and the implications of your results.

To view the full list of genes available on the MyRisk™ panel, please visit: **www.myriadmyrisk.com/gene-table/**

MYSUPPORT360®

Next steps

Schedule any follow-up appointments and/or obtain referrals to appropriate specialists

Speak with your relatives about your results and encourage them to see their healthcare provider about cancer prevention and genetic testing

Consider speaking with a **clinical genetic counselor** or other genetics expert in your community about your test result and family history

Myriad genetics

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myriad.com

MGMRHCNEGPET / 02-22