



everything  
genetic

# Understand your risk of common hereditary cancers

Multi-Cancer Panel



# What is hereditary cancer testing?

Hereditary cancer testing explores genes for variants associated with increased cancer risk. In the UK, 5-10% of cancers results from inherited genetic faults. Identifying these variants empowers you and your healthcare provider to tailor a personalised plan to help prevent or detect cancers like breast, ovarian, colorectal, and pancreatic at earlier, more treatable stages.

## Informing cancer treatment

If you've been diagnosed with cancer, this test confirms the presence of genetic variants, helping you and your healthcare provider to make informed personalised surgical and treatment decisions for improved outcomes.

## Understanding your cancer risk

If you have a personal or family history of cancer, this test is a powerful tool to help you understand your personal risk. With this genetic information, you and your healthcare provider can make informed choices to lower your cancer risk or detect it early.

## Testing your family

If you carry a genetic variant, there's a 50% chance your immediate family relatives may have it too. Recognising this hereditary risk prompts immediate family members to consider genetic testing resulting in earlier detection and preventative measures for those at risk.



## Cancers covered

This panel covers a wide range of genes known to significantly increase your risk of developing 12 different types of cancer.

Breast	Colorectal	Endometrial
Gastric	Melanoma	Ovarian
Pancreatic	Prostate	Renal
Skin	Thyroid	Uterine

## Pre and post-test clinical support

The test includes pre and post-test clinical support, helping you to understand:

- What the test is for
- Why you should take the test
- What it does and doesn't test for
- What the possible results are from taking the test
- And, once the results report is available, what the results mean and next steps.

This will be provided by your clinician or Everything Genetic's medical team. Pre and post-test clinical support is provided by informational videos with the exception of private consultations by phone or video call for variant detected results.

# Possible test results

There are three possible results reported from this genetic test: variant detected, negative and variant of uncertain significance.

The meaning of each result is summarised below:

## **+** Variant detected result:

- A genetic variant has been found in one or more of the genes analysed.
- You are therefore at a higher risk of developing the cancer(s) that the gene increases.

## **-** Negative result:

- No genetic variants have been found in the genes analysed.
- You are therefore not at higher risk than the general population of developing the cancers tested for.
- Not all cancers can be attributed to genetic variants, the environment, lifestyle, and age can also have an effect.

## **-** Variant of uncertain significance result (VUS):

- Also known as a VUS, the test has identified a change in the sequence of one of your genes, but it is not yet known if that indicates a clinically significant cancer risk.
- Most VUS results are eventually reclassified as harmless.
- It is, however, unusual to receive a VUS result on any of these genes.

No medical guidance is provided with the test. This will be provided by your clinician.



## About us

Everything Genetic is a leading provider and innovator of genetic testing services to help people make informed healthcare decisions for cancer prevention and improved patient outcomes.

## Clinical-grade genetic testing

Everything Genetic's partner laboratory, Berkshire and Surrey Pathology Services, is accredited by UKAS to the ISO 15189:2012 standard. The panel is currently part of an Extension to Scope application to UKAS under ISO 15189:2012 standards.

# How to order a test

Talk to your clinician about how to order this test.

You can also order this test yourself by scanning the QR code below or by visiting the Everything Genetic website [www.everythinggeneticltd.co.uk](http://www.everythinggeneticltd.co.uk)



Scan me to order your test kit today

This test can be paid for privately or reimbursed by some private medical insurers. Please enquire at time of purchase.

## Contact us

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