



Laboratoire Médical

Predictive Genetic Testing for cancer risk

Visit us at:



Ways to reduce your risk for cancer



Eat a healthy diet



Be Physically active



Get enough sleep



Limit alcohol intake



Limit smoking



Breast feeding



Take part in regular cancer-screening



Protect yourself during sun exposure



Make your home smoke free



Knowing if you have a genetic predisposition to cancer can help you to seek early medical advise for regular screening, chemoprevention and risk reducing surgery.

Ask your doctor or genetic counsellor for more information on inherited cancer markers based on your family history.





Now available at C-Lab: Blood test that will detect all inherited mutations which can increase your risk of getting cancer.

DNA sequencing allows us to understand how we are made, how we are related, how errors or mutations in our DNA cause disease and how we may respond best to medicines or therapies.

With a family history of cancer, the inherited cancer panels offered by C-Lab will help to assess the risks of developing these cancers and hence, appropriate measures can be taken by your doctor through regular screening for early diagnosis.

Should I be tested?

A review of your family history is very important when considering hereditary cancer testing. Medical guidelines support testing for people with a high risk of family history of cancer.



Inherited cancer tests offered by C-Lab:

1. **BRCA1 and BRCA2**
Hereditary
Breast & Ovarian
Cancer Screening

BRCA1 and **BRCA2** genes are normally found in the cells of the breast and ovaries. When these genes mutate, it causes damage in the cell's DNA. As a result, the cells will divide uncontrollably leading to an increased risk of breast and ovarian cancer.

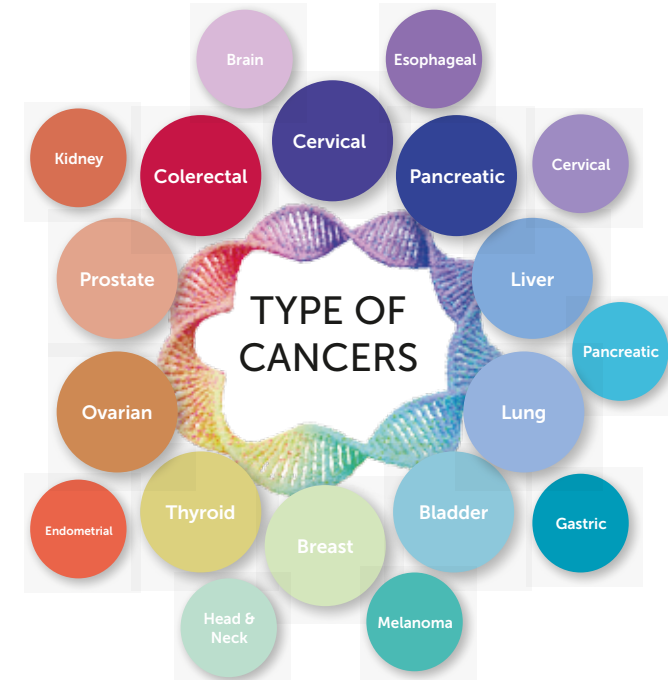
The inherited BRCA1 and 2 test will detect these mutations that can be caused by environmental factors or can be passed from a blood relative. Research has shown that **80% of women** who inherit a harmful BRCA mutation will develop breast cancer by the age of 70.

Facts about BRCA genes and breast cancer

- BRCA 1 & BRCA 2**
Having the mutation in either or these genes increases a woman risk for breast and ovarian cancer.
- 80%**
80% of women who inherit a mutation will develop Breast Cancer by the age of 70 years.
- Inherited cancer test estimates your risk of getting cancer based on your family history.**
- 1 in 8 Women will be affected by breast cancer in their lifetime.**

2. Inherited Cancer Panel

A hereditary cancer is any cancer caused by an inherited gene mutation. An inherited gene means it is passed from blood relatives within a family. At C-Lab, we are offering a 134 genes panel with 99% cancer gene coverage for simple targeted sequencing for inherited cancers enabling rapid and efficient identification of inherited genetic variants in anyone with a possible risk for cancer.



How does the inherited cancer test work?

- The patient's blood sample will be taken to perform the test by DNA sequencing
- The patient has to go through the results report with a genetic counsellor or their preferred doctor for medical advice and lifestyle changes

