Understand Your Risk for Breast and Ovarian Cancer

Cancer refers to the uncontrolled division and growth of cells in the human body. The growth, or tumour, is caused by mutations in a person's DNA. These mutations can also be passed down from parent to child, or may be prevalent among siblings.

Breast cancer and ovarian cancer are hereditary. Therefore, genetic screening is recommended for people with a family history of⁶:

- Breast cancer diagnosed before age of 50; ----
- **Ovarian cancer;** ----
- BRCA1 or BRCA2 gene mutations; ----
- Triple negative breast cancer diagnosed (a breast cancer that is estrogen receptor-negative, progesterone receptor-negative and HER2-negative).

From the Dtect BRCA+ results, your doctor could recommend regular health monitoring if you received a positive screening result.

Benefits of Dtect BRCA+

Validated Technology ----

Dtect BRCA+ is run on one of the most accurate gene profiling platforms available. It screens for disease risks by analysing genetic variants across relevant genetic markers.

Comprehensive Results

The results are reported in a precise and concise format, allowing you to easily interpret the analysis. The Dtect BRCA+ report highlights the risk factors, and helps doctors to prescribe more suitable and effective treatment.

Affordable Pricing

Dtect BRCA+ provides you with quality genetic explanation at an affordable price.

Limitations

Genetic screening can indicate whether an individual has a predisposition, or is at increased likelihood of having an inherited disease or disorder. However, it cannot indicate if the individual will show symptoms, how severe the symptoms will be, or whether the disease or disorder will progress over time.

A negative test result does not mean that an individual will not get the inherited disease or disorder because Dtect BRCA+ is designed to detect only highly significant genetic markers which have been documented during medical research. Environmental and lifestyle factors also play a role in the development of inherited diseases and disorders.

Other Products

Dtect Cardio & Metabolic	evaluates markers cardiovascular and metal
Dtect Child	detects inherited ger developmental disorders
Dtect Colon+	screens for risk of colo ACMG guidelines.
Dtect Derma	screens for traits or conskin youthfulness and pre
Dtect Fertility	screens for genetic causes
Dtect NPC+	screens for risk of nasop other head and neck can
Dtect Onco	screens for risk of 32 type
Dtect PGx	screens for risk of adverse drug responses.
Dtect Prostate+	screens for risk of prostate guidelines.
Dtect Wellness	screens for 46 traits or co health and wellness.





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Genetic Screening Cancers

Your First Step Towards **Total Health and Vitality**

for Breast and Ovarian



Manage Your Health With Dtect BRCA+

Dtect BRCA+ is a genetic screening test. This test screens your DNA for markers that are linked to inherited risk factors for breast and ovarian cancers¹. The markers serve as 'red flags' in your DNA and can indicate if you are predisposed to breast and ovarian cancers.

DID YOU KNOW?

Breast cancer is the most common cause of cancer mortality in women in Malaysia². Approximately 1 in 20 women in the country will be diagnosed with breast cancer in their lifetime³. Ovarian cancer, the fourth most common cancer to affect Malaysian women⁴, is less common but equally lethal.



Fortunately, when breast or ovarian cancer is detected early, chances of successful treatment are greatly improved. Recovery and survival rates for stages I and II cases may be as high as 90%⁵.

Please email us at care@medifirst.com.my or consult your doctor for more information.

Dtect BRCA+ Panel

BRCA1- and *BRCA2*-associated hereditary breast and ovarian cancer syndrome (HBOC) is characterised by an increased risk for breast cancer and ovarian cancer (which includes fallopian tube and primary peritoneal cancers) in individuals with *BRCA2* pathogenic variants. Estimates of malignancy risk vary considerably depending on the context in which they were derived. The following is a summary of the risk for malignancy in an individual with a germline *BRCA1* or *BRCA2* pathogenic variant.

Risk of malignancy¹ in individuals with a germline *BRCA1* or *BRCA2* pathogenic variant.

Cancer Type	General Population Risk	Risk with BRCA1
Breast	12%	46% - 87%
Ovarian	1% - 2%	39% - 63%
Second primary breast	2% within 5 years	21.1% within 10 yrs

Your Dtect BRCA+ test results can assist and support your doctor's medical diagnosis, and help with the management of genetic diseases across the family. Markers for disease risks are likely to be shared by first-degree relatives (siblings, children, parents). Your doctor could advise clinically asymptomatic relatives of patients to undergo screening. More importantly, your doctor could advise you on treatment decisions for breast and ovarian cancers sooner, or you can be better prepared to make lifestyle and dietary changes to mitigate your health risks for breast and ovarian cancer when possible.

83% by age 70

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Risk with BRCA2

38% - 84%

16.5% - 27%

10.8% within 10 yrs 62% by age 70

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