

## Benefits of Dtect Immune Health

Your immune system is designed to protect your body from infection. It does this by attacking viruses, bacteria and other substances it understands to be harming the body. The health of this natural defence system depends on genetic and non-genetic factors like diet, environment and even stress, to name a few.

Dtect Immune Health helps you to have a clearer understanding of the genetic factors that can contribute to the health of your immune system. By understanding these factors, you and your healthcare provider can take proper precautionary measures to mitigate the genetic risks associated with weaker immune response.

While you cannot change your genes, you can change the non-genetic factors to mitigate one or more genetic risks associated with a poorer functioning of the immune system. These changes can include dietary, supplement, behavioural, and other interventions to strengthen your immune system.



### Limitations

Genetic screening can indicate whether an individual has a predisposition, or is at an 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 Immune Health 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 associated with cardiovascular and metabolic diseases.

#### Dtect Carrier

Screens your carrier status for rare genetic disorders.

#### Dtect Child

Detects inherited genetic illnesses or developmental disorders in children.

#### Dtect Colon+

Screens for risk of colorectal cancer, using ACMG guidelines.

#### Dtect Derma

Screens for traits or conditions that affect skin youthfulness and premature ageing.

#### Dtect Fertility

Screens for genetic causes of infertility.

#### Dtect NPC+

Screens for risk of nasopharyngeal and other head and neck cancers.

#### Dtect Onco

Screens for risk of 32 types of familial cancers.

#### Dtect PGx

Screens for risk of adverse drug reactions and drug responses.

#### Dtect Prostate+

Screens for risk of prostate cancer, using ACMG guidelines.

#### Dtect Wellness

Screens for 46 traits or conditions that affect health and wellness.



Immune Health

## Genetic Screening for Immune Health



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## Manage Your Health With Dtect Immune Health

Dtect Immune Health is a genetic screening test which screens your DNA for genetic markers across a range of genes that are linked to the proper functioning of your immune system. These markers serve as 'red flags' in the DNA and can indicate if you may have a weaker immune system, and also whether you are more susceptible to the SARS-CoV-2 virus, or at greater risk for a severe COVID-19 infection.

Many individuals infected by this virus have mild or no symptoms, while others can develop more serious or even life-threatening conditions, such as acute respiratory distress syndrome and multi-organ failure.

Susceptibility to this virus is dependent almost entirely on risk factors relating to the individual (including genetics, pre-existing medical conditions and health-related behaviours) and not because of existing genetic variations in the virus.

Understanding your genes can unlock the information you need to make decisions that improve, strengthen and regulate your immune response. With Dtect Immune Health, you can make better informed decisions should you ever be infected by the SARS-CoV-2 virus which causes COVID-19.

Ask your doctor for Dtect Immune Health today.

## Understand Your Genetic Risks Factors for Immune Health

Dtect Immune Health screens genes on different biological pathways related to the proper functioning of your immune system.

The result provides you with information to better understand whether you have genetic risks associated with poor immune response to infection especially by the SARS-CoV-2 virus which causes COVID-19.

You and your healthcare provider may be able to use this information to identify ways to improve the health of your immune system or, if necessary, be better prepared to respond to a SARS-CoV-2 infection.

Dtect Immune Health screens for genetic mutations of genes important to the proper functioning of your immune system. The genes screened for in this test will be updated when new studies become available. Please visit our Dtect website ([www.dtect.com](http://www.dtect.com)) for new updates.

Dtect Immune Health uses the latest technologies available from the USA.

## Process for Using Dtect Immune Health

- 1** Ask your doctor for Dtect Immune Health today.
- 2** Your doctor will collect a buccal swab or blood sample, and send it to our laboratory.
- 3** We will extract DNA from the sample and screen for genetic markers.
- 4** We will send the results to your doctor. If you require, we will also send you the results.
- 5** Your doctor will explain the results to you and provide advice on the next course of action.



### DID YOU KNOW?

Lack of sleep can negatively affect your immune system by suppressing the T-cells in your body, the natural killer of invading pathogens.

