

Process for Using Dtect Cardio & Metabolic

1

Ask your doctor for Dtect Cardio & Metabolic today.



2

Your doctor will collect a buccal swab, saliva 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.

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 tests are designed to screen for 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 BRCA+: Screens for risk of breast and ovarian cancers.

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/developmental disorders in children.

Dtect Colon+: Screens for risk of colorectal cancer, using ACMG guidelines.

Dtect Derma: Screens for traits or conditions that affect the skin.

Dtect Fertility: Screens for genetic causes of infertility.

Dtect Immune Health: Screens for risk of COVID-19 susceptibility and severity.

Dtect Neuro: Screens for risks of various types of neurological conditions.

Dtect NPC+: Screens for risk of nasopharyngeal and head and neck cancers.

Dtect Onco: Screens for risk 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 traits or conditions that affect health and wellness.

- Please visit www.dtect.com for new product updates -

Available at:



Malaysian Genomics Resource Centre Berhad (652790-V)
www.mgrc.com.my



Find out more at:

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CARM-PAT-02

DNA



Genetic Screening for Cardiovascular Diseases and Metabolic Disorders

Your First Step Towards
Total Health and Vitality

PATIENT'S GUIDE



Manage Your Health With Dtect Cardio & Metabolic

Dtect Cardio & Metabolic is a genetic screening test. This test screens the genes in your DNA for genetic markers that are linked with an increased risk of cardiovascular diseases (CVD) and metabolic disorders such as heart attack, stroke and diabetes.

Knowing if you are at risk for a particular disease can empower you to make the necessary changes to your diet, lifestyle and environment. The comprehensive test results can help you to work with your doctor to develop a personalised health management plan for more effective prevention options.

All genetic markers screened for have been published and experimentally replicated in peer-reviewed scientific journals. Dtect Cardio & Metabolic uses the latest technologies available from the USA.

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Dtect Cardio & Metabolic screens for genetic markers associated with the following diseases and disorders:

CARDIOVASCULAR DISEASES

- Abdominal Aortic Aneurysm
- Abnormal QT Interval
- Atrial Fibrillation (irregular rapid heartbeat)
- Brain Aneurysm
- Chronic Obstructive Pulmonary Disease (obstruction of bronchial air flow)
- Coronary Heart Disease (blockage of the arteries to the heart)
- Deep Vein Thrombosis and Pulmonary Embolism
- Heart Attack
- Hypertension (high blood pressure)
- Obesity
- Peripheral Arterial Disease
- Stroke
- Sudden Cardiac Arrest

METABOLIC DISORDERS

- Diabetes - Type 1
- Diabetes - Type 2
- Dyslipidaemia
- Gallstone Formation
- Gestational Diabetes (diabetes in pregnancy)
- Gout
- Grave's Disease (excessive production of thyroid hormones)
- Hyperglycaemia
- Hypertriglyceridaemia (excess triglycerides in the blood)
- Hypothyroidism
- Lactose Intolerance
- Metabolic Syndrome (increases risk of heart disease, stroke and diabetes)
- Non-alcoholic Fatty Liver Disease



DID YOU KNOW?^{1, 2, 3}

- More than 60 per cent of adult Malaysians are at risk for non-communicable diseases, including diabetes, hypertension, high cholesterol and obesity.
- Cardiovascular disease is the leading global cause of death, accounting for 17.3 million deaths per year. This disease claims more lives than all forms of cancer combined.
- The World Health Organization (WHO) estimates that diabetes was the direct cause of 1.5 million deaths globally in 2012.

Understand and Manage
Your Health.

Ask for Dtect Cardio & Metabolic Today.

References:

¹ American Heart Association. Retrieved from: https://www.heart.org/idc/groups/ahamah-public/@wcm/@sop/@smd/documents/downloadable/ucm_470704.pdf

² Malay Mail Online. "Prevalence of lifestyle diseases among adult Malaysians 'worrying', health minister admits". Retrieved from: <http://www.themalaymailonline.com/malaysia/article/prevalence-of-lifestyle-diseases-among-adult-malaysians-worrying-health-min#sthash.wG6JxbS1.dpuf>

³ International Diabetes Federation. Retrieved from: <http://www.diabetesatlas.org/>