Process for Using Origene

1. Order an Origene genetic screening test.
2. Collect your DNA sample using our buccal swab or saliva sample collection kit, and send it to us.
3. We will extract your DNA from the sample and screen for genetic markers.
4. The results will be analysed and send to you in a report format.
5. You may consult your doctor or wellness practitioner 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 an inherited disease or disorder because our genetic screening tests are 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, disorders, and even traits.

The results generated from our genetic screening test, which includes all additional health related information, is not an indicator of an individual's current or future health status, nor a diagnosis for any disease, disorder, condition or other health issues. The information provided in the test results should be confirmed by your doctor or a healthcare professional in a clinical setting before any further action/treatment is to be taken.

Available at:

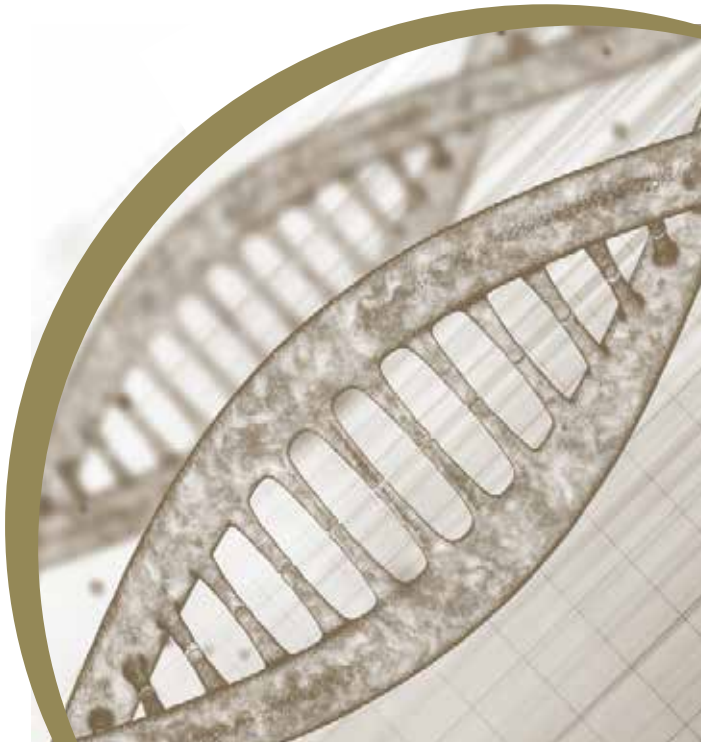
Malaysian Genomics Resource Centre Berhad (652790-V)
www.mgrc.com.my

ORIGENE-01

DNA

ORIGENE

Genetic Screening



Manage Your Health With Origene Genetic Screening Test

Experience a Healthier and Fulfilling Life by Understanding Your Genetic Profile

Origene genetic screening test uses genomics technologies to detect known genetic variations, or genetic markers, in your DNA. These genetic markers are found to be associated with risks for diseases or disorders, such as cardiovascular diseases, metabolic disorders, cancers, neurological disorders and even developmental disorders for children.

Beyond diseases, genetic screening is also able to identify traits that may influence skin conditions, wellness, fitness, physical appearance, and behaviors.

In simple terms, genetic screening helps you to know your genetic strengths and weaknesses. By detecting these genetic risks, you can plan with your family and healthcare practitioner on ways to help you to minimize the occurrence of a disease or disorder. You can also work with a wellness practitioner to develop suitable wellness management programs and adopt healthy lifestyle habits to enhance your health.

Understand and Manage Your Health and Wellness. Ask for Origene Today.

Origene screens your DNA for genetic markers associated with the following:

Derma

- Cellulite
- Collagen Integrity
- Contact Dermatitis
- Dry Skin
- Eczema (Atopic Dermatitis)
- Folate-Folic Acid Deficiency
- Freckles
- Generalized Psoriasis
- Glycation Protection
- Keloid Risk
- Melanin And Pigmentation
- Omega-3 And Omega-6 Deficiency
- Premature Wrinkles
- Response To Antioxidants
- Skin Elasticity
- Sunspots
- Tanning Response
- Varicose Veins

Wellness

- Achilles Tendinopathy
- Adiponectin Level
- Ankylosing Spondylitis
- Anterior Cruciate Ligament Rupture
- Caffeine Metabolism
- Calcium Metabolism
- Carbohydrate Metabolism
- Carotene Level
- CoEnzyme Q10
- Collagen Formation
- Concussion
- Detoxification Capacity
- Endurance Sports Performance
- Energy Utilization .
- HDL Cholesterol
- High Blood Sugar (Hyperglycemia)
- High Triglycerides
- Homocysteine Metabolism
- Inflammatory Response
- Lactose Intolerance .
- LDL Cholesterol
- Longevity
- Maximal Oxygen Consumption
- Osteoarthritis
- Osteoporosis
- Pain Tolerance
- Polyunsaturated Fatty Acids
- Power Sports Performance
- Respiratory Infection - Severity
- Respiratory Infection - Susceptibility
- Rheumatoid Arthritis
- Salt-Sensitivity High Blood Pressure
- Selenium
- Soft Tissue Injury
- Sports Induced Sudden Cardiac Arrest
- Steroid Hormones Metabolism
- Stress Sensitivity
- Total Cholesterol
- Vision Degeneration
- Vitamin A
- Vitamin B2
- Vitamin B6
- Vitamin B12
- Vitamin C
- Vitamin D
- Vitamin E

Sports and Fitness

- Achilles Tendinopathy
- Anterior Cruciate Ligament Rupture
- Calcium Metabolism
- Osteoarthritis
- Osteoporotic Fractures
- Vitamin D
- Dietary Choline Tendency
- Phosphorous Metabolism
- Vitamin B12
- Vitamin B6
- Vitamin B9 - Folate Tendency
- Carbohydrate Utilization
- Cholesterol Response To Dietary Fat
- Fat Utilization
- Insulin Response To Dietary Fat
- Polyunsaturated Fat Metabolism
- Protein Utilization
- Vitamin E
- Impulse Control And Taste Preference
- Intrinsic Motivation To Exercise
- Sleep Duration
- Stress Sensitivity
- Testosterone
- Zinc Metabolism
- Copper Metabolism
- Iron Metabolism
- Magnesium Metabolism
- Antioxidants
- Coenzyme Q10
- Vitamin A
- Vitamin C
- Exercise Heart Rate Response
- Fat Loss Response To Cardio
- Fitness Response To Cardio
- Glucose Response To Cardio
- HDL Response To Cardio
- Insulin Sensitivity Response To Cardio
- Triglycerides Response To Cardio
- Body Composition
- Caffeine Metabolism
- Lactose Metabolism
- Concussion
- Soft Tissue Injury
- Endurance Capacity
- Energy Utilization
- Exercise Intensity - Power Capacity
- Weight And Satiety
- Weight Loss Metabolism
- Weight Loss Tendency
- Weight Regain Tendency

Behavioural and Physical Traits

- Addictive Personality
- Alcohol Dependence
- Appetite Regulation
- Body / Volume (Hair)
- Body Hair
- Food Addiction
- Hair Dryness / Brittleness
- Hair Graying
- Hair Thickness
- Hair Thinning
- Hair Type
- Harm Avoidance Behavior
- Instant Gratification
- Lumbar Disc Disease
- Male Pattern Baldness
- Monobrow
- Motion Sickness
- Optimism And Empathy
- Reward Dependence
- Sensitive Personality
- Sweet Tooth

Cardio and Metabolic

- Abdominal Aortic Aneurysm
- Arrhythmogenic Right Ventricular Dysplasia
- Atrial Fibrillation
- Chronic Obstructive Pulmonary Disease
- Coronary Heart Disease
- Deep Vein Thrombosis
- Pulmonary Embolism
- Dilated Cardiomyopathy
- Dyslipidemia
- Gallstone
- Gestational Diabetes
- Gout
- Graves' Disease (Hyperthyroidism)
- Heart Attack
- Hypertension
- Hypertrophic Cardiomyopathy
- Hypothyroidism
- Metabolic Syndrome
- Non-Alcoholic Fatty Liver Disease
- Obesity
- Peripheral Arterial Disease
- Restrictive Cardiomyopathy
- Type 1 Diabetes
- Type 2 Diabetes

Onco

- Acute Lymphoblastic Leukemia
- Basal Cell Carcinoma
- Bladder Cancer
- Breast Cancer (Female)
- Breast Cancer (Male)
- Cervical Cancer (Female)
- Cervical Cancer (Male)
- Chronic Lymphocytic Leukemia
- Colorectal Cancer
- Endometrial Cancer (Female)
- Endometrial Cancer (Male)
- Esophageal Cancer
- Gallbladder Cancer
- Glioma Development (Brain Tumor)
- Hepatocellular Carcinoma
- Hodgkin's Lymphoma
- Kidney Cancer
- Laryngeal Cancer
- Lung Cancer
- Melanoma
- Meningioma
- Nasopharyngeal Cancer
- Non-Hodgkin's Lymphoma
- Oral And Throat Cancers
- Osteosarcoma
- Ovarian Cancer (Female)
- Ovarian Cancer (Male)
- Pancreatic Cancer
- Prostate Cancer (Female)
- Prostate Cancer (Male)
- Squamous Cell Carcinoma Of Skin
- Stomach Cancer
- Testicular Germ-Cell Tumor (Female)
- Testicular Germ-Cell Tumor (Male)
- Thyroid Cancer

Neuro

- Alzheimer's Disease
- Brain Aneurysm
- Charcot-Marie-Tooth Disease
- Epilepsy
- Familial Dysautonomia
- Myotonia Congenita
- Neurodegeneration (with Brain Iron Accumulation)
- Parkinson's Disease
- RASopathies
- Stroke
- Tuberous Sclerosis

Child

- Adolescent Idiopathic Scoliosis
- Allergic Rhinitis
- Asthma
- Attention-Deficit Hyperactivity Disorder
- Celiac Disease
- Childhood Epilepsy
- Crohn's Disease
- Dyslexia
- Early Speech Development
- Invasive Pneumococcal Disease
- Juvenile Idiopathic Arthritis
- Kawasaki Disease
- Long QT Syndrome
- Meningococcal Disease
- Obesity (Childhood Onset)
- Obsessive-Compulsive Disorder
- Pathological Myopia
- Restless Legs Syndrome
- Teething
- Tourette Syndrome
- Ulcerative Colitis