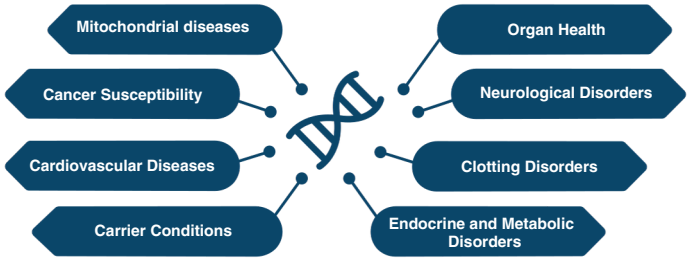
my Genome

What does the test analyse?

my Genome gives you insights on many hereditary and multifactorial diseases, including those in the following categories:



Genetic information on how the organism react to 250+ drugs that treat a variety of conditions, including those in the following categories:

Cardiovascular
Endocrinology
Gastroenterology
Hematology
Infectious Diseases
Neurology
Oncology
Pain Medicine
Psychiatry
Pulmonology
Transplantation Medicine
Ophthalmology

Insights on more than 50 traits *related to:*

Athleticism
Behavior
Cardiovascular
Hormones
Immune System
Longevity
Metabolism
Nutrition and Diet
Physical Appearance
Sensory Perception
Substance Reaction

Insights on Ancestry

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About iGenetx

At iGenetx, we are pioneers in genetic testing and personalized health solutions. Founded with the vision of bringing genetic science closer to everyday health, we are Egypt's pioneers in DNA-driven wellness.

Using state-of-the-art technologies and the highest safety standards, iGenetx helps individuals, healthcare professionals, and institutions worldwide to understand and anticipate genetic risks, enabling more informed and proactive health decisions. With a focus on innovation and accessibility, iGenetx transforms the way we understand and care for health at every stage of life

iGenetx

info@iGenetx.com | iGenetx.com

iGenetx

View on mobile

my Genome

Is the whole genome sequencing service and interpretation aimed at improving your health and helping provide a longer and healthier life?

iGenetx X Veritas

“ my Genome is a key complement for health checkups, incorporating genetics to personalize medical care with all the important information. “

What is my Genome?

- *my Genome is the most comprehensive preventive genetic test for healthy patients.*
- *my Genome Sequencing.*
- *Analysis of genes related to actionable diseases with clinical utility.*
- *Genetic information storage for future consultations.*
- *Pre and post test consultation with a Genetic Counselor included.*

Why sequence the genome?

15-20 %

Between15-20%[1] of cancer cases are due to familial aggregation that increases the risk of cancer in the family.

3%

Around 3%[2] of the couples planning to have children have a 25% risk of having a child affected by a genetic disease.

30%[3]

About 30%of sudden cardiac deaths are due to genetic variations in genes responsible for the structure of the cardiac muscle or the cardiac rhythm.

6%

Around 6%[4] of the population have an increased risk of developing hereditary thrombosis. Acquired factors such as bed rest or lack of physical activity increase the risk.

3-5%

Between 3-5%[5] of hospital admissions in Europe aredue to adverse drug reactions.

1. https://seom.org/informacion-sobre-el-cancer/consejo-genetico. 2. Rotem BS et al. A Data-Driven Evaluation of the Size and Content of Expanded Carrier Screening Panels. Genetics in Medicine.doi:10.1038/s41436-019-0466-5
3. Orland KM et al. Molecular Autopsy for Sudden Cardiac Death: Current State and Considerations. Current Genetic Medicine Reports. 2019. https://doi.org/10.1007/s40142-019-00170-x
4. MacCallum P, et al. Diagnosis and management of heritable thrombophilias. BMJ 2014;349:g4387.
5. Bouvy JC et al. Epidemiology of Adverse Drug Reactions in Europe: A Review of Recent Observational Studies. Drug Saf 2015;38:437–453

my Genome

+650 *Diseases of hereditary origin*

+225 *Conditions that you may pass on to your children*

+15 *Multifactorial conditions dependent on genetics and environment*

+250 *Information on drug response based on patient’s genetics*

+50 *Information on genetic traits related to diet, athletics, longevity, nutrition, behavior, cardiovascular health, metabolism and more*

Comprehensive Genetic Counseling pre and post test

Information about your ancestors

Get the most comprehensive genetic testing service there is

How to start

The physician prescribes the test

we provide an iGenetx kit to collect the saliva sample

We process the sample by sequencing and interpret the result

We produce the report that is sent to the physician who will discuss the result with the patient

Technical Information

- *Whole genome sequencing with an average depth of 30x*
- *Analysis and variant classification based on internal and external databases (ClinVar and HGMD)*
- *myWholeGenome has been developed by a medical expert*

team with more than 10 years of experience in Whole Genome Sequencing, including members of the Personal Genome Project *from the Harvard Medical School*