



myGenome

by Veritas

is the whole genome sequencing service and interpretation aimed to improve your health and help provide a longer and healthier life



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

What is myGenome?

- » myGenome is the most comprehensive preventive genetic test for healthy patients.
- » Whole 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%

Between 15-20%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%

About 30%³ 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 are due 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

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+650 Diseases of hereditary origin



+225 Conditions that you may pass on to your children



15 Multifactorial conditions dependent on genetics and environment



+150 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

www.veritasint.com

For more information contact us at
+34 915 623 675 or info@veritasint.com



How to start



The physician prescribes the test



We provide a Veritas kit to collect the saliva sample



We process the sample by sequencing and do the interpretation of the result



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

Technical Information

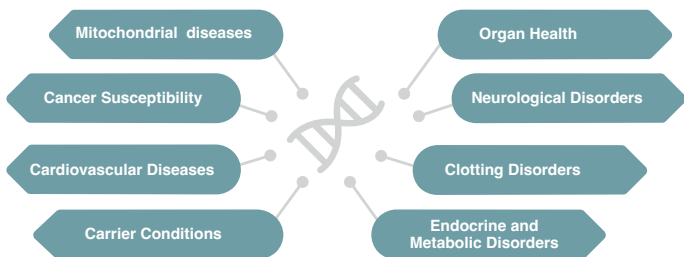
- » Whole genome sequencing with an average depth of 30x
- » Analysis and variant classification based on internal and external databases (ClinVar and HGMD)
- » **myGenome** has been developed by a medical expert team with more than 10 years of experience in Whole Genome Sequencing, including members of the **Personal Genome Project** from the Harvard Medical School

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What does the test analyse?

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



Genetic information on how the organism react to 150+ drugs that treat a variety of conditions, including those in the following categories:

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

Insights on more than 50 traits related to:

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

Insights on Ancestry

Veritas was founded in 2018 by Dr. Luis Izquierdo, Dr. Vincenzo Cirigliano and Javier de Echevarría, who accumulate extensive experience in the field of genetics, diagnostics and biotechnology. Initially linked to Veritas Genetics, a company founded in 2014 by Prof. George Church, one of the pioneers in preventive medicine, Veritas was born with the aim of making genome sequencing and its clinical interpretation available to all citizens as a tool to prevent diseases and improve health and quality of life.

Since its inception, Veritas has led the activity and development in the markets in which it operates, with the goal of turning genomics into a daily instrument at the service of people's well-being.

In March 2022 Veritas announces that it will become part of LetsGetChecked, a global healthcare solutions company based in Dublin and New York.



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