

الجينوم الإماراتي

EMIRATI GENOME



Together, we improve our health,
The health of our children and our country

Emirati Genome Program

The Emirati Genome Program aims to draw a comprehensive genetic map for UAE citizens to accelerate the development of advanced preventive and personalized healthcare for the nation's present and future generations.

The program is one of the largest population genome initiatives ever undertaken and will contribute to the development of preventive and personalized healthcare solutions in collaboration with research and medical institutions across the UAE.

Analyzing the complete genome of UAE citizens allows researchers, doctors, and scientists to identify the causes of genetic diseases and types of genetic mutations, anticipate susceptibility to some diseases and study them more deeply. The Emirati Genome Program is managed by G42 Healthcare, and is supervised by the Emirates Genome Council.

National Genome Strategy

The Emirati Genome Program is a significant national project that is critical to the realization of the National Genome Strategy.

The National Genome Strategy aims to build a comprehensive and sustainable genomic ecosystem to transform healthcare services and help people live better.

It accelerates the development of personalized healthcare and precision medicine programs and solutions that address the UAE's public health priorities and effectively help reduce genetic and chronic diseases.

The strategy supports the growth of technical capabilities and will help create a hub for advanced healthcare research and innovation in the UAE that can actively contribute to global efforts and help envision the UAE's personalized healthcare agenda.

Impact of your participation

Every participating citizen is actively contributing towards enriching medical data, building the UAE Reference Genome, that will enable understanding of the genetic basis of health and disorders for citizens and supporting scientific discovery and advanced healthcare solutions. The data of participants is protected under the highest standards of safety and security set and regulated by the UAE government.

In close collaboration with research and medical institutions, healthcare programs will be formulated utilizing genetic data and insights provided through the Emirati Genome Program and will help develop applications that enable rapid diagnosis, prevention, early intervention, and targeted therapies, based on genetic profiles.

A personalized health and wellbeing report awaits you

A comprehensive personalized health report in Arabic and English will be available for yourself on the EGP app and you will receive a notification once the report is ready.

The report provides a deeper understanding of your unique genetic profile, across 4 main categories including Nutrition, Fitness, Allergy, and Beauty. The Nutrition and fitness categories cover 20 traits each, whereas the allergy and beauty categories cover 14 traits each. A trait is a specific characteristic of an individual and not a "disease". Traits can be influenced by 3 factors: genetics, lifestyle, and the external environment. The report contains detailed information and recommendations to better guide your health and wellbeing goals.

The information does not constitute medical advice and must not be taken as an alternative for a consultation with a healthcare professional. It is not intended to diagnose conditions nor prescribe the use of any remedy, diet, or lifestyle practice. For any health concerns, it is recommended to seek advice from a licensed healthcare professional.



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