PATIENT INFORMATION

myLifeExome

Extensive genetic insights within reach

arcensus

Exons and the exome

Only 1-2 % of our DNA codes for proteins, which are crucial for various functions in our body. These protein-coding regions, known as exons, make up the exome and have been extensively studied for disease associations. The myLifeExome test can help identify a majority of well-characterized genetic changes that may be causing your symptoms.

Expert exome analysis

We ensure comprehensive coverage of your exome to provide you with thorough insights. Our variant database integrates clinical data, peer-reviewed research, and variant-level evidence allowing our multidisciplinary team to interpret your exome results with unmatched accuracy and precision.

Recommended for You

- When a genetic disease is suspected because it runs in your family
- When doctors cannot make a clear diagnosis or the symptoms are unusual
- When previous genetic tests did not provide answers
- When a more affordable alternative to sequencing your entire genome is needed

myLifeExome

- **Uncover the genetic cause of unexplained symptoms** by analyzing most of the genetic changes associated with diseases
- **Stay updated with repeated evaluations** of your genetic information
- **Be assured of confidentiality** with stringent compliance to data privacy standards

Unlock future insights

With myLifeExome, you own your genomic data. This means it can be re-analyzed in the future as new discoveries and medical advancements are made, allowing you to gain new health insights.

Please note: The recommended genetic test depends on your personal and family medical history. Your doctor or genetic counsellor will determine the most appropriate test for your needs.

myLifeExome report

- **Primary findings:** Genetic changes directly related to the reason for testing
- **Incidental findings:** Genetic changes that could affect your health but are not related to the reason for testing
- **Carrier findings:** Genetic changes that you have which ususally do not result in symptoms; however, could be passed to your children

Potential myLifeExome results

- **Positive:** Genetic changes that explain your disorder are identified. This information may help guide your treatment decisions and may indicate if your relatives are at risk.
- **Inconclusive:** Genetic changes that may explain your condition are identified, but further testing is needed to be certain. This may involve testing family members.
- **Negative:** No genetic changes explaining your symptoms are identified, which does not rule out a genetic condition, as there may be undiscovered genes or uncovered regions.

Genetic testing made simple with Arcensus

Sample Collection

A small sample is collected, usually a non-invasive buccal swab or a small amount of blood.

Sequencing

Next generation sequencing technology determines the exact sequence of the DNA in your exome.

Data Analysis

Arcensus experts analyze the data to find genetic changes that could explain your health conditions.

Results

Your physician receives the Arcensus diagnostic report and discusses the results with you to plan the next steps for your care.

About Arcensus GmbH

Arcensus is a global diagnostic laboratory that specializes in analyzing and interpreting genomic data to provide medical insights.

Our core focus is the powerful and comprehensive whole exome and whole genome tests that reveal maximum insights about the genetic variants that impact your health.

With headquarters in Rostock, Germany, our internationally accredited laboratory offers services worldwide, directly and through local partners.

ACCREDITED
Cert #6442.01

SEAL OF QUALITY
DATA PROTECTION

QAS International
ISO/IEC 27001:2022
Zertifikat Nr. GMIT1131

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