

Precision Health Check

Powered by Akkure Genomics

What is Precision Medicine?

Precision medicine is an approach to the treatment and management of disease that takes into account your individual genetic makeup.

Our ability to engineer biology will fundamentally transform how we diagnose, treat, and manage disease.

New medicines are increasingly programmable in nature, with drug discovery and development moving from a broad based population level to an iterative personalised process.

Uncovering genetic risk factors enables you to make informed decisions regarding your lifestyle in order to prevent or delay the onset of a particular illness and to seek out appropriate treatments, interventions, or screening as soon as possible.

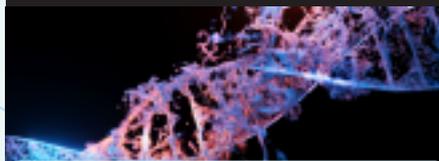
What we offer:

Pharmacogenomics Analysis



Analysis of your DNA in order to predict how you will respond to certain medications. Minimising adverse side effects and optimising dosage and hence beneficial effects.

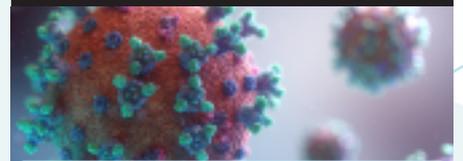
Whole Exome Sequencing



Provides a complete picture of your DNA as it relates to your health.

Own your virtual digital medical twin. Secure priceless health insights and future proof access to new potential therapies.

Disease prevention panels



Tumour Prevention, Cardiovascular Diseases, Thrombosis & Coagulation Disorders, Hypercholesterolaemia, Malignant hyperthermia / anaesthesia intolerance
Gain insights into your genetic risk factors and plan your health care accordingly

Our genetic screening service is backed by Europe's leading clinical grade Laboratories, guaranteeing our results are driven by peer reviewed medical science.

AKKURE's reports are of the highest medical and clinical grade, with subsequent analytics & insights highlighting genetic aspects of personalised next generation care, allowing for recommendations and/or genetic counselling where applicable

Contact us at support@akkure.com to find out how Akkure can offer you a personalised screening process.

Traditional Genetic Snps and Direct to Consumer Testing only examine and report on a small subset of the points within the genome with the majority of DTC tests examining 650,000 points in your DNA, resulting in data files roughly 15 megabytes in size.

In comparison, Whole Exome Sequencing looks at the complete DNA contained in all of your 23,000 protein-coding genes, which is where roughly 90% of all known disease-causing mutations (otherwise known as variants) are found. Whole Exome Sequencing examines over 30 million points in your DNA, resulting in data files roughly 10 gigabytes in size.

AKKURE's medical grade sequencing goes a step further than traditional Whole Exome Sequencing, examining areas of the genome that have been linked to disease but are located outside the boundaries of the protein coding genes, providing an incredibly detailed and comprehensive picture of your patient's genetic health.

Our laboratory is certified by the International Organisation for Standardisation (ISO 15189:2012), meaning that it is recognised as being a medical laboratory that meets quality management system requirements set out by the ISO. The majority of DTC tests are not carried out by ISO-certified laboratories. The technology they use is suitable for producing interesting wellness reports and carrying out superficial genetic studies of popular interest, but not for medical testing.

The Benefits of Whole Exome Sequencing

	Akkure Whole Exome Sequencing and Cancer prevention panel	DTC* genetic tests
Cancer gene testing	Captures mutations across all genes, reports in detail on 51 genes linked to various cancers	Typically only reports on a small number of mutations on 2 genes linked to breast cancer
Medical laboratory ISO certified	Yes	No
Suitable for research	Yes	Yes
Suitable for clinical testing	Yes	No
Avoids population bias	Yes	No
Future proof - ability to report on harmful variants found in future research	Yes	No
Overlay other panels to report on diseases	Yes	No
In depth pharmacogenomics reporting	Yes	No
Advice provided on appropriate action on finding potentially harmful mutations	Yes	No

*Direct to Consumer