GPDx Genomic Precision Diagnostic

Igenomix® WITH SCIENCE ON YOUR SIDE

Integrating Genomics into medical decisions

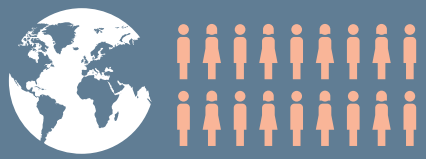
Comprehensive suite of precision genetic diagnostic testing

A drop of blood can change your patient's life.

- **Genetic disorders are one of the main health concerns in developed countries.**
- **Genetic disorders are numerous (more than 7,000), rare (prevalence <1/2,000), heterogeneous (more than 20,000 genes) and global, affecting 6-8% of the population.**

Genetic Disorders

Rare diseases are a diverse group of conditions; **very few people are affected by them in comparison to more common conditions like diabetes or heart disease.**



Many people worldwide will be affected by a rare condition at some point in their lives.

~80%

Of rare diseases have a genetic origin.

~75%

Of rare diseases affect children.

What are the benefits of genetic testing?

For lot of disorders this is the only way to make an accurate diagnosis and help avoid additional unnecessary clinical investigations.

Can guide the clinician in choosing the most suitable therapy and support for the patient.

www.igenomix.com

v. 2021

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Prevention and accurate diagnosis of genetic conditions must be a Global Health Priority

Expertise

Igenomix provides genomic expertise for clinical management, interpretation and reporting of your case.

Precision

The highest diagnostic precision is obtained when appropriate technology is used according to the highest quality standards.

Support

Igenomix's geneticists provide a comprehensive support throughout the whole diagnostic process.

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Diagnostic services for all life stages

Preconception

For couples and families who want to know if they carry a genetic mutation and determine if they are at risk of having a child with a genetic disease.

Prenatal

For high risk pregnancies due to ultrasonographic findings, clinical evidences or family history by means of invasive technology.

Neonatal

For genetic screening of birth defects or diagnosis of genetic disorders in newborns.

Childhood / Adulthood

For patients, children or adults who have clinical features compatible with a genetic disease.

Diagnostic Technologies

WHOLE EXOME/GENOME SEQUENCING (WES/WGS)

Complete DNA test to identify mutations in over 24,000 genes related to complex genetic problems.

SINGLE GENE ANALYSIS

Many genetic diseases are caused by changes or variants in a single gene. We have a comprehensive range of test to cover your needs.

IGX PRECISION PANELS

The Smart Solution

Chose your panel and benefit from the highest diagnostic accuracy.

CMA: CHROMOSOMAL MICROARRAY TESTING

Gold standard for the detection of Copy number variations (CNVs).

What are the benefits of genetic testing?

Accurate and early diagnosis

Facilitates clinical care

Reduces the need of other complex or invasive tests

Includes PGT-M and/or prenatal diagnosis

Provides genetic counselling and prevention

Guides therapy