Igenomix®
WITH SCIENCE ON YOUR SIDE

GPDx

Genomic Precision Diagnostic

Comprehensive and Personalized Diagnostic Testing for all Life Stages

V-2021-00

Bringing Genomics to Precision Medicine

A suite of innovative technologies to provide the best answer to clinical question

Genome/Exome

- WES TRIO
- WES COUPLE
- WES INDEX

Chromosomal

- CMA — Chromosomal MicroArray

Precision Panels

- Cardiology
- Metabolic
- Endocrinology
- Gastroenterology
- Reproductive
- Neurology
- Hematology
- Dermatology
- Ophthalmology
- Rare Disease
- Skeletal Dysplasia
- Pneumology
- Ear, Nose, Throat
- Connective Tissue Disorder
- Oncology
- Nephrology
- Immunology
- NEW BORN
  NICU Diagnostic

Single Gene Analyses

- EXP — Repeat Expansion analysis
- MLPA — Multiplex ligation dependent probe amplification
- NGS — Next generation sequencing
- SANG — Sanger sequencing

What are the benefits of Integrating Genomics into Medical Decisions?

- For most of the clinical conditions genetic testing is the only way to make an accurate diagnosis and help avoid additional unnecessary clinical investigations.
- Reduces the uncertainty in a differential diagnosis and provides a directed focus for the specialist to provide appropriate treatment.
- Decreases referrals from specialist to specialist, allowing a high quality patient care.
- Can guide the specialist in choosing the most suitable downstream tests, therapy and support for the patient.

Our experienced geneticists guide you throughout the whole diagnostic process

Dr. Garcia-Planells
PhD Human Genetics

Dr. Julio Martín
PhD Molecular Genetics

Dr. Lova Satyanarayana
PhD Human Genetics

Diagnostic Services
for all Life Stages

PRECONCEPTION

- Identify the risk of carrying a genetic condition before pregnancy
- Prevent having a baby affected by genetic diseases, in case of specific family history.

PRENATAL

- Diagnose chromosomal abnormalities, gene disorders during the pregnancy
- Analyze amniotic fluid, CVS and fetal samples using different technologies

NEONATAL

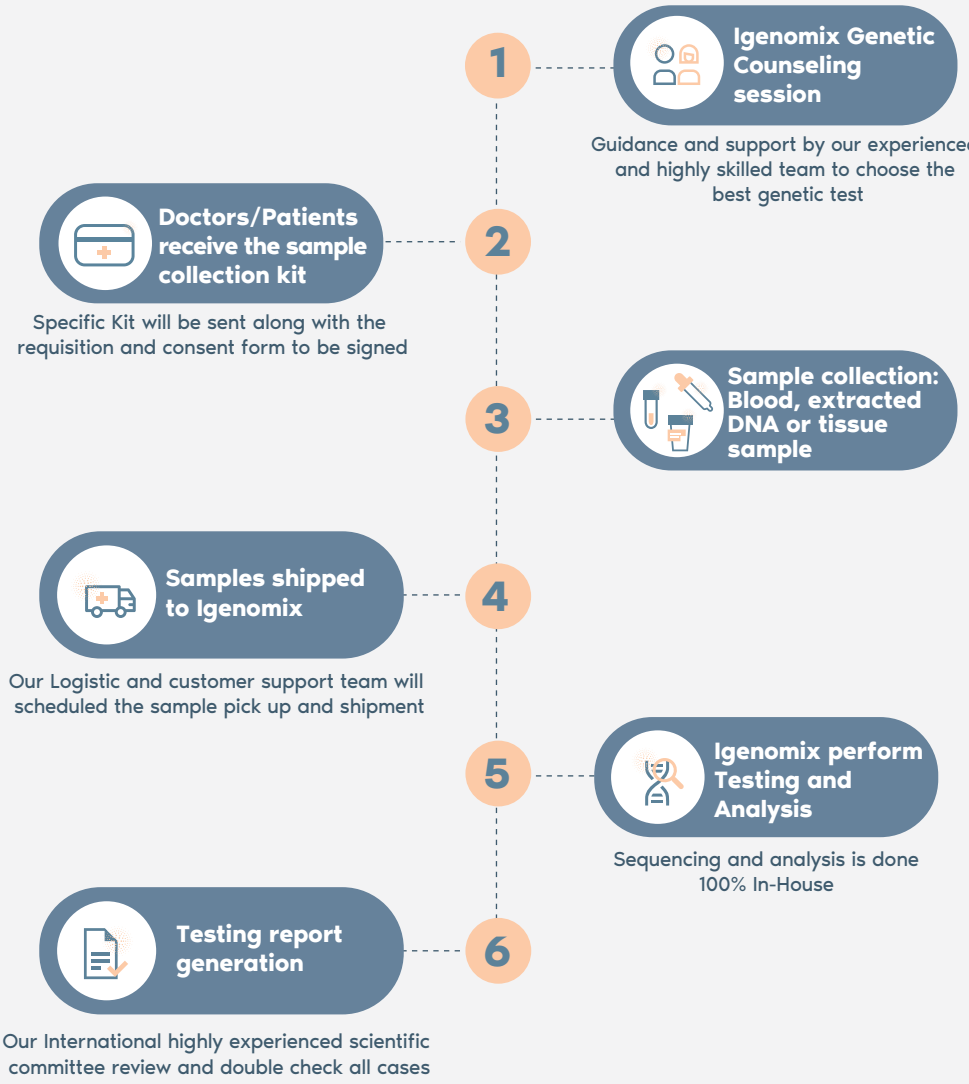
- Identify genetic conditions that could cause disease in newborn babies
- Prevent complications and increase life expectancy

Childhood / Adulthood

- Identify or rule out genetic conditions confirming the patient diagnosis
- Increase the diagnostic yield to ensure high quality patient care.

The process

How does it work?



	Sample type	Container	Transportation Temperature	Volume
	Peripheral blood	EDTA vacutainer	20-25°C	3 – 4 ml
	Purified genomic DNA	In a sealed Eppendorf tube	20-25°C	A minimum 1 microgram of DNA at a concentration of 50-100ng/µl
	POC (fetal tissue)	Tissue in sterile container in saline and cardiac or cord blood in vacutainer	20-25°C	3 – 4 mm POC specimen or 50 100 mg of each tissue
	Amniotic Fluid	Sterile container	20-25°C	10-15ml
	Chorionic villi	Sterile container with culture mediumor saline solution with 1% antibiotic	2-8 °C	300-500mg

Why Choose Igenomix?

Supportive professionals
Certified genetic counselors, Arab speakers to guide you and your patients choosing the right genetic testing

Patient Friendly
Genetic counseling e-learning platform

Quick and easy
Online test management

Local labs over the Middle East
Faster TAT and samples will not travel abroad

All technical capabilities in-house
Testing, analysis, and reporting for all genetic services performed in dubai lab

360
Dedicated concierge customer support

100%
In-house sequencing and BIO IT

Highest Accurate Analysis, Interpretation and Reporting
Using appropriate technology and highest quality standards

CAP Accredited Genetic Laboratory in The Middle East

CAP ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS

Start a new success story with our

Genetic Counseling Service

Certified, Arab speaking genetic counselors to guide you and your patients in choosing the right genetic testing.

Free Service

Contact our Genetic Counselors and Geneticists to get guidance and support

00971 800 50342

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