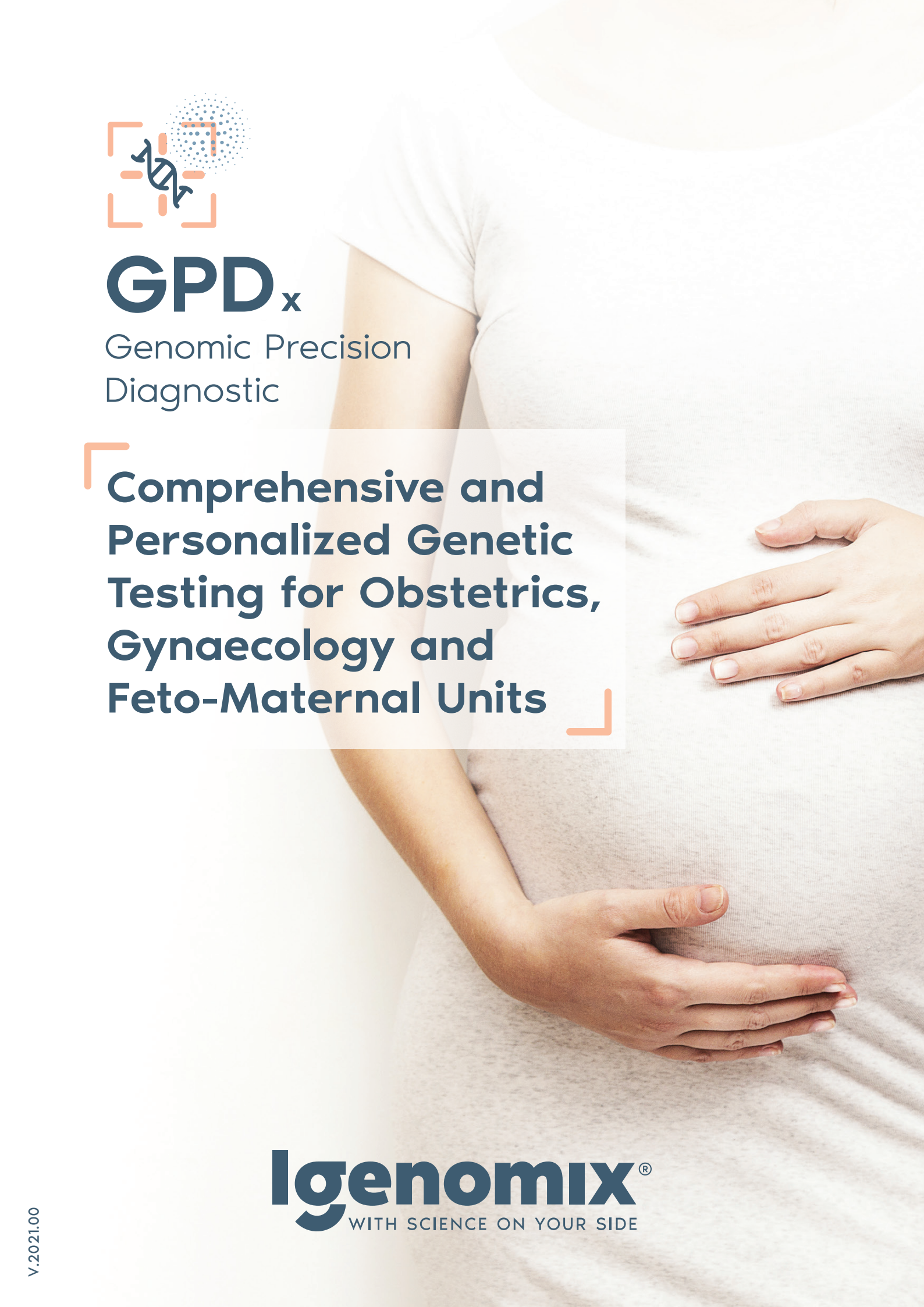
GPDx

Genomic Precision Diagnostic

Comprehensive and Personalized Genetic Testing for Obstetrics, Gynaecology and Feto-Maternal Units



Igenomix®

WITH SCIENCE ON YOUR SIDE

V.2021.00

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.

Diagnostic testing Indications

Preconception Prevention

- Couples and families who want to know if they carry a genetic condition and determine if they are at risk of having a child with a genetic disease.

High Risk Pregnancies

- Family history of a genetic condition (hereditary disorder,chromosomal alteration...).
- High risk established using screening methods: first and second trimester, cffDNA (NIPT).
- Ultrasound findings of a genetic condition: (genetic disorder, chromosomal alteration,...).
- Pregnancy with poor evolution or miscarriage.

Neonatal Screening/Diagnostic

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

Diagnostic Technologies

Get supported by our experienced and high skilled team to choose the best Genetic testing

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 tests to cover your needs.

IGX PRECISION PANELS

Choose your panel and benefit from the highest diagnostic accuracy.

CMA: CHROMOSOMAL MICROARRAY TESTING

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

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

ENDOMETRIO
Analysis

To study the ecosystem of the endometrial bacteria and recommend treatments options (antibiotic or probiotic).

Couple Screening
before conceiving

To understand the couple's risk of having an affected child with a genetic disorder.

Couple Diagnostic
After having an affected baby

To confirm the genetic disorder of the affected baby and understand the risk of having another affected child.

Prenatal

Non Invasive Prenatal analysis
using Non-invasive prenatal test (NIPT)

Prenatal Genetic Diagnosis is a service that identifies genetic alterations in the fetus that can lead to a disorder during pregnancy or the neonatal period that is clinically actionable.

Invasive Prenatal analysis
using Invasive prenatal test CVS and Amniocentesis

Testing can be done through non invasive or invasive techniques.

Miscarriage analysis
using Product of conception

To identify if the miscarriage was caused by a genetic disorder or chromosomal abnormalities.

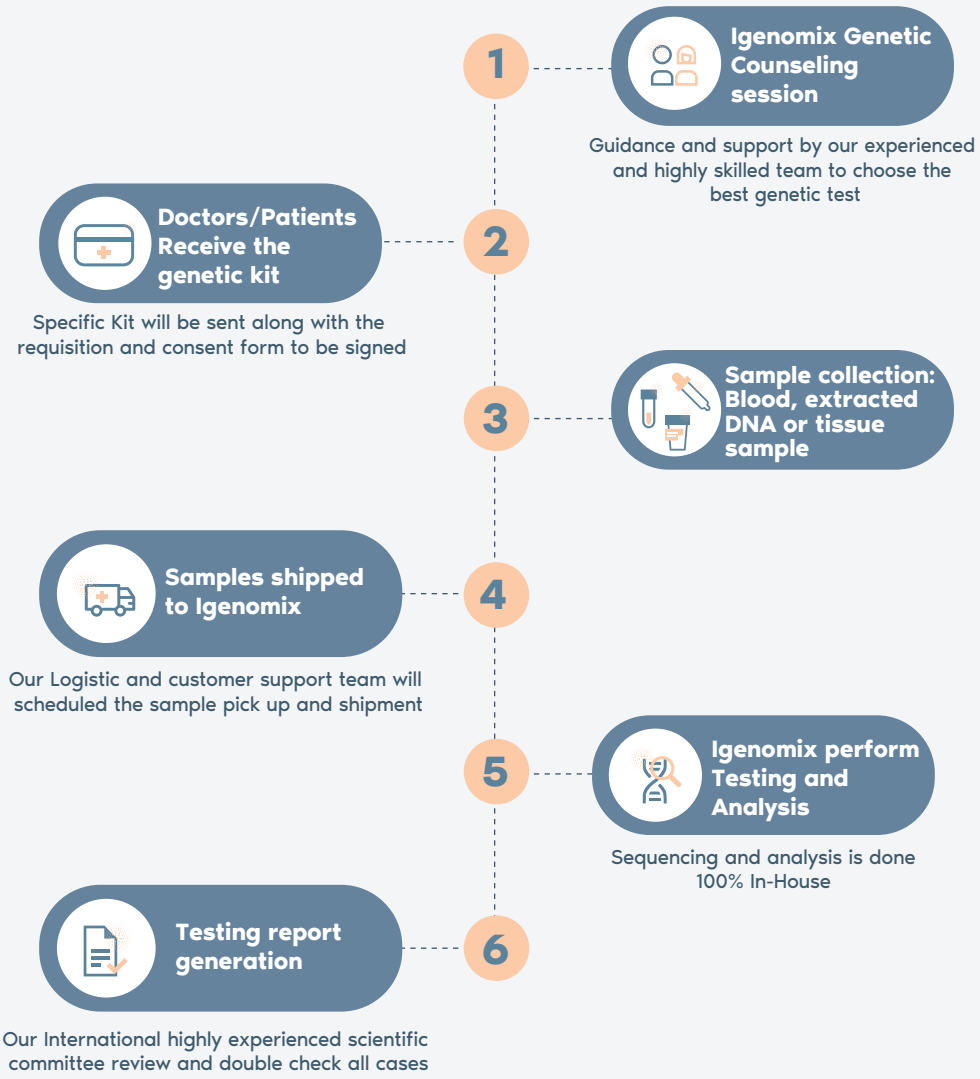
Neonatal

New-Born analysis
To identify genetic disorders in new-born babies

To screen or diagnose new babies for genetic conditions.

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

GET COUNSELED TODAY

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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