

COMING
SOON!

Identifying the cause of infertility is crucial for making accurate diagnoses and providing effective counseling and management options for couples.

This information can lead to appropriate initial treatment and better outcomes for those struggling with infertility.

Infertility is a disease of the male and/or female reproductive system defined by the failure to achieve a clinical pregnancy

after 12 months
or more of regular unprotected
sexual intercourse.

World Health Organization, 2022



It is estimated that **1 in 6 couples** worldwide experience some form of infertility.



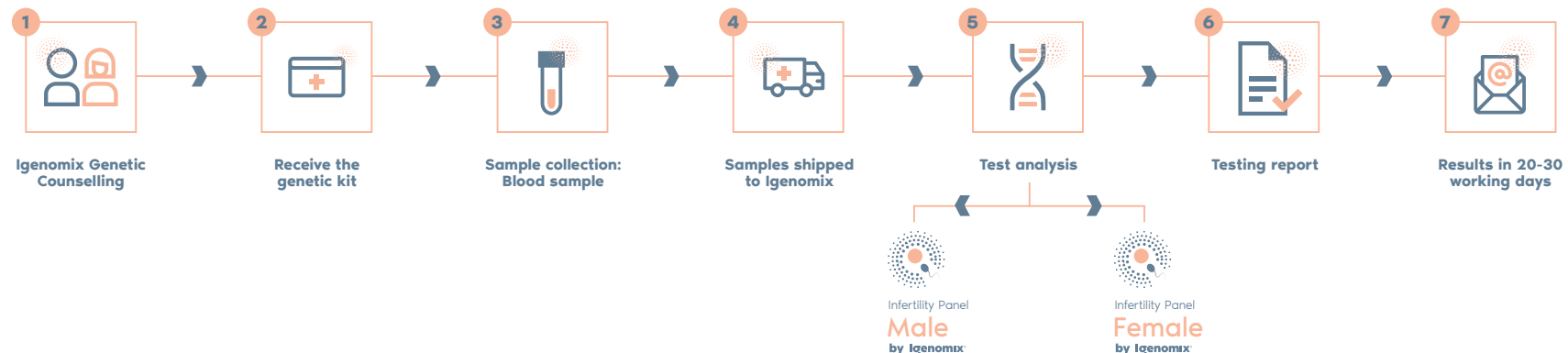
Genetic defects are responsible for a significant number of infertility cases, affecting both male and female equally.

What is the Infertility Panel?

The Infertility Panel is a **simple blood/saliva test** designed to detect the most common genetic mutations associated with monogenic infertility in both male and female.

How does it work?

- The test utilizes Next-generation sequencing (NGS) technology with whole exome-based sequencing to allow us a comprehensive analysis of genes associated with fertility issues.
- Only genes with confirmed disease-associated variants related to infertility disorders were included in the panel, which were referred to as "diagnostic genes".
- The genes were divided into two sub-panels: a **Female fertility panel** and a **Male fertility panel**.



When to Recommend Infertility Panels?

- Women with **ovulation disorders**

- Men with **sperm abnormalities**

- **Hypogonadotropic hypogonadism**

- IVF treatment with limited results due to **oocyte maturation defects and embryo development arrest**

- Couples with **unexplained cause of infertility**

- Individuals diagnosed with a **disorder of sexual development**

How can Infertility genetic testing improve prognosis?

With Infertility Panels, couples can have greater confidence in their fertility journey and be empowered to take proactive steps to improve their chances of success.

By identifying specific genetic markers and mutations, Infertility Panels can provide a clearer understanding of the potential risks and outcomes associated with various treatment options, enabling couples to make more informed decisions about their fertility journey.

Why choose Igenomix Infertility panels?



Identify all genes that cause infertility and pathogenic variants with sufficient evidence for use in gene panels



We continuously update our gene panel content with the latest scientific evidence and our own research findings, providing the most current and comprehensive information available.



We use cutting-edge targeted genomic analysis, advanced bioinformatics, and artificial intelligence to deliver highly precise and accurate results.



We assist healthcare providers in identifying the most suitable therapy or clinical management for each individual or couple.



At Igenomix, we offer the support of a vast scientific community to guide you through every step of the process.



We provide time-sensitive and cost-effective genetic information that improves the chances of a successful pregnancy.

Whether you're just starting your fertility journey or have been struggling with infertility for some time, Infertility Panels can provide the information you need to make informed decisions and increase your chances of conceiving. With Infertility Panels, we hope to make the journey to parenthood a little easier for couples struggling with infertility.

