Patient information leaflet

# PGT-M

## Preimplantation Genetic Testing for Monogenic Diseases

by Igenomix®

**Helping couples at risk of passing on a genetic condition have a healthy baby**

Igenomix®
PART OF VITROLIFE GROUP™


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# What is PGT-M?

PGT-M helps significantly decrease the chance of having a child with an inherited genetic condition.

By analyzing DNA from each embryo, the embryos that are at a low risk of developing the condition can be preferentially selected for transfer.

This test is indicated for couples who are at risk of passing on a single gene condition, such as cystic fibrosis, fragile X syndrome, muscular dystrophy, Huntington disease, and many others.

# Benefits of PGT-M

- Identify embryos that are at low risk for a genetic condition prior to transfer.
- A unique probe is developed for every case.
- In-depth genetic counseling sessions are available at no extra cost.
- Igenomix understands each patient and situation is unique. It is our promise to help customize the process to meet individual needs.

# Is PGT-M for you?

This test could be beneficial if:

You already **have a child or pregnancy affected** by a genetic condition.

You and your partner, or donor, **are carriers of the same genetic condition.**

You or your partner have been **diagnosed with a single gene condition or have a family history** of a genetic condition .

# How does it work?

Embryos stay safely in IVF clinic

1. **Physician referral and review of records**
2. **Intake and genetic counseling consult**
   Case acceptance
3. **Collection of DNA samples**
4. **PGT-M Probe Development**
   3-6 weeks*
5. **IVF and embryo biopsy**
   Biopsy samples shipped to Igenomix Laboratory
6. **PGT-M genetic analysis**
   Results report in 15 days

*Probe development must be completed prior to PGT-M. DNA samples are required from the egg and sperm sources for probe development. Samples from family members may also be requested. When reviewing the PGT-M timeline, the genetic counselor will also discuss the length of the probe development phase, as that does vary case-by-case.

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