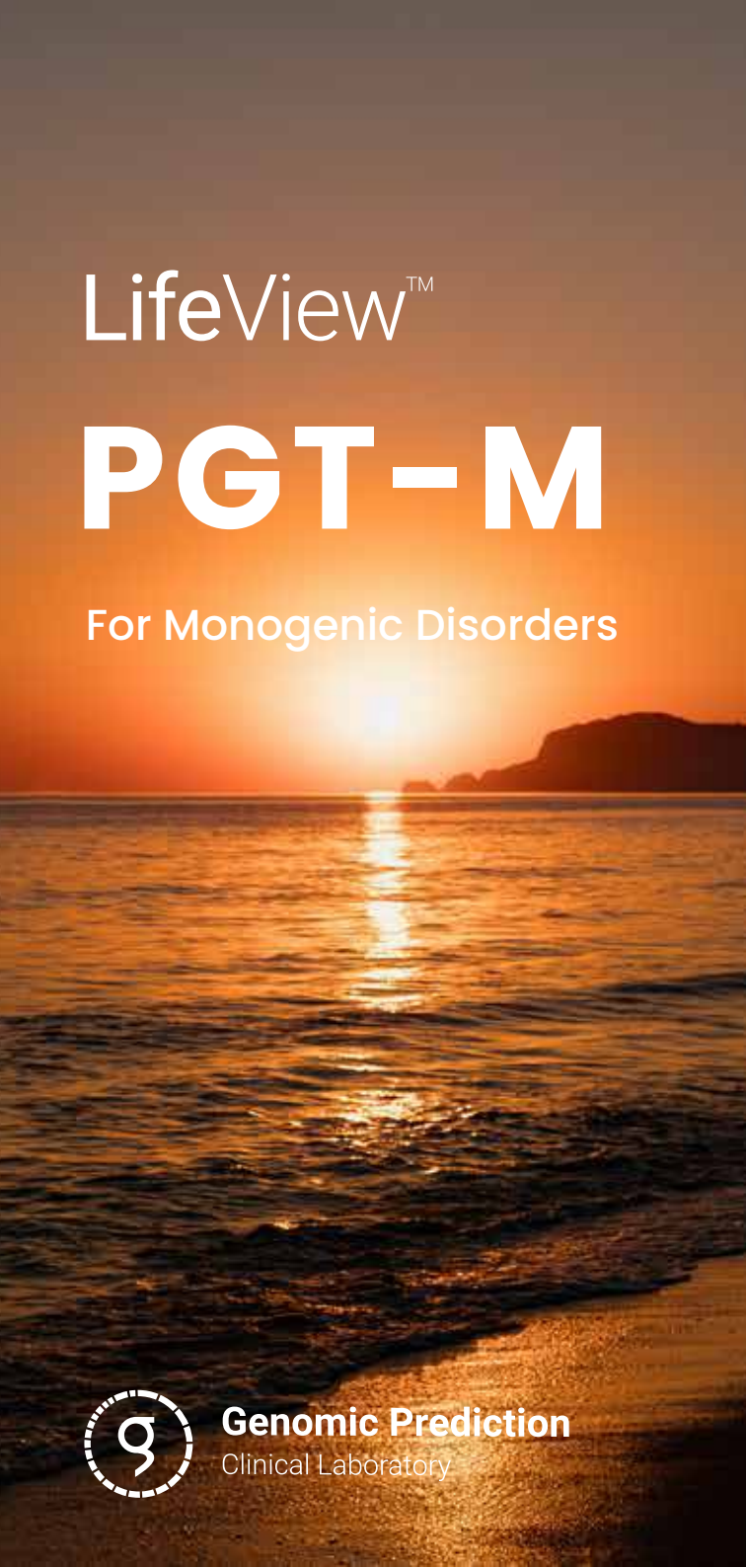
LifeView™
PGT-M
For Monogenic Disorders
Genomic Prediction
Clinical Laboratory

Testing for monogenic disorders (PGT-M)
Preimplantation genetic testing for monogenic disorders (PGT-M) is a genetic test performed on embryo biopsies, specifically designed to screen monogenic, or "single gene" disorders.

Tay-Sachs disease, sickle cell disease, cystic fibrosis, Duchenne muscular dystrophy and fragile-X syndrome are all examples of monogenic disorders.

Who can benefit from PGT-M?
Couples at risk of passing down a monogenic disorder may benefit from PGT-M.

- Couples with a child, or a personal or family history of a monogenic disorder.
- Couples identified as at-risk, through routine carrier screening.
- Couples interested in HLA matching.

How does the result help?
Seeing which embryos test positive for a disorder helps you and your doctor decide which embryos to transfer, and in which order.

How does LifeView™ PGT-M work, step by step?

1. Prior to testing, we review your genetic reports, along with your medical and family history, in order to create a plan to detect the condition(s) requested for testing. No two tests are exactly alike.

2. Saliva samples are collected from each member of the couple. In some cases, saliva or other DNA samples from additional family members may be needed.

3. Once all of the needed samples are received, the testing plan is confirmed, and your IVF center is notified that we are able to proceed with receiving biopsies for testing.

4. After embryo biopsy samples are sent to our laboratory, it takes 14 days to complete the analysis.

5. A PGT-M genetic report is generated by our laboratory, and sent to your preferred clinician.

How accurate is LifeView™ PGT-M?
LifeView™ is among the most accurate PGT-M available. Diagnostic accuracy ranges exceed 97-99%.

There is more than one monogenic disorder in my family. Can you test for multiple conditions?
Yes. As long as we can design a testing plan for each individual monogenic disorder that you wish to be tested, there is no limit to the number of conditions evaluated on a single sample.

Is aneuploidy (PGT-A) included in LifeView™?
Yes. All LifeView™ PGT-M includes aneuploidy screening, or PGT-A, at no extra charge. This screening is added without the need for additional embryo biopsy samples.

Can LifeView™ PGT-M be expanded to include other types of testing?

Using the same samples, with no additional embryo biopsies, LifeView™ PGT-M may also be expanded to include:

PGT-P: LifeView™ is the only platform validated to accurately predict each embryos lifetime risk for polygenic disorders; diseases influenced by variants in many genes, such as diabetes and certain cancers. Deciding which embryos to prioritize for transfer using LifeView™ PGT-P has been validated to reduce incidence of these disorders later in life.

PGT-SR: LifeView™ for structural rearrangements identifies extra or missing chromosomal material related to a parental chromosome rearrangement.

M2: M2 is a genetic variant associated with increased risk of pregnancy complications and miscarriage. For couples with M2, LifeView™ can can be expanded to include M2 haplotype testing, to help you and your doctor make informed interventions to reduce the risk of miscarriage.

Who can I ask questions about LifeView™?
Genetic counseling is included with LifeView™ at no extra charge. Ask your IVF team to refer you for a virtual genetic counseling session.

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