Reproductive Genetic Testing

A pioneering family of tests providing greater confidence
Right embryo, right time, right environment

By choosing one of our ‘Complete’ test packages you are choosing our most comprehensive and individualized test offerings for your patient.

**Test packages overview**

### Right embryo

**PGT-Complete™**
Our 4 in 1 genetic test
See page 3 for details

1. **PGT-A**
   - Improves the chances of IVF success by selecting the right embryo for transfer

2. **Parental QC**
   - Provides patients reassurance that the intended egg and sperm were used

3. **Genetic PN check**
   - Gives the capability to identify and rescue true 2PN embryos from morphologically identified 0, 1, and 3PN embryos

4. **Origin of Aneuploidy**
   - Supports the clinic and patient, by identifying the origin of abnormality, to help guide future decisions

### Right time, right environment

**ER-Complete™**
Our 3 in 1 endometrial biopsy
See page 5 for details

- **ERPeak® Test**
  - Identifies the right time for your patient’s embryo transfer
  - See page 6 for details
  - 1. Window of implantation

- **ERBiome™ Test**
  - Evaluates if your patient has the right environment for embryo transfer
  - See page 6 for details
  - 1. Dominance of lactobacillus
  - 2. Presence or absence of known pathogens

**Other PGT tests available:**

- **Standard PGT-A (via PGTai® 2.0)**
  - See page 4 for details

- **PGT-M**
  - See page 4 for details

- **PGT-SR**
  - See page 4 for details

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**High-quality laboratory standards**

We understand that every sample is important

Testing is performed in our state-of-the-art laboratories that meet the highest global quality standards (including CAP, CLIA, NYSDOH, ISO).

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**Support and guidance for patients**

We are proud to have an extensive team of global and board-certified genetic counselors to provide personalized guidance and support.

Our genetic counseling sessions for PGT help your patients feel informed and confident about their genetic testing decisions. These sessions explain how our testing may help increase their odds for a successful pregnancy.
Our unique PGTai® 2.0 innovation improves the odds of pregnancy and IVF success

The only test using artificial intelligence (AI) based on clinical outcome data, helping to eliminate subjectivity and improve accuracy. PGTai 2.0 provides greater confidence in robust and accurate results with two independent analyses (CNV and SNP) to check for abnormalities.1

**PGT-Complete test** takes PGT-A beyond aneuploidy testing, to provide a new standard of care with our most clinically comprehensive insights

**PGT-A**
All the benefits of our innovative PGTai® 2.0 to improve the chances of IVF success

*Includes the simultaneous testing of:

**Parental QC**
Provides patients reassurance that the intended egg and sperm were used, to help reduce parental anxiety of potential mix-ups

**Genetic PN check**
Gives the capability to identify and rescue true 2PN embryos from morphologically identified 0, 1, and 3PN embryos, to confidently enable additional euploid embryo transfers

**Origin of aneuploidy**
Supports the clinic and patient, by identifying the origin of abnormality, to guide future decisions

PGT Complete = Our 4 in 1 genetic test for our most complete clinical insights

**PGT-M**
A genetic test designed to help reduce the risk of having a child with an inherited condition

Our experts have over 100 years of combined PGT-M experience and global expertise in providing accurate results — highlighted by our ability to accept the most complex of cases.

In the last 10 years, we have performed more than 15,000 PGT-M cases on more than 1,000 different disorders2

**PGT-SR**
Using our PGTai 2.0 technology, we perform PGT-SR for patients with high accuracy

Our pioneering AI analysis is developed with real outcome data and uses two independent analyses (CNV & SNP) to identify unbalanced chromosomal rearrangements, providing more confidence in robust and accurate results

PGT-SR can identify specific abnormalities with 2–3 times greater resolution than most available tests2

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2. Internal CooperSurgical data, 2022.
Our **ER-Complete** test provides you with three simple results from one endometrial biopsy giving actionable results to help guide your patient’s embryo transfer.

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**ERPeak® test**

Our **ERPeak** test identifies your patient’s Window of Implantation (WOI). This is particularly helpful for women with recurrent implantation failure, showing higher pregnancy and birth rates for this population.³

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**ERBiome™ test**

Endometrial dysbiosis can cause an inflammatory environment preclusive of implantation.

Our **ERBiome** test evaluates a patient’s endometrial microbiome, determining the relative abundance of lactobacillus and the presence or absence of known reproductive tract pathogens.

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**ERPeak + ERBiome = ER-Complete**

Comprehensive testing, personalized treatment. ¹ biopsy, ³ clinical insights.

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**ERPeak® Test**

Our **ERPeak** test provides accurate, actionable results the first time

- Innovative AI approach proactively corrects for sample variability
- Simple results provide an actionable and personalized guide for optimal time for embryo transfer

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1. Endometrial biopsy & sample shipment
2. Laboratory analysis
3. Result reporting
4. Precision embryo transfer

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**ERBiome™ Test**

Determining optimal endometrial environment

Our **ERBiome** test evaluates your patient’s endometrial microbiome to help guide a personalized treatment strategy. The two test features from one endometrial biopsy:

- Determine relative abundance of lactobacillus
- Presence or absence of known reproductive tract pathogens

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**Easy result interpretation**

A Lacto-dominant or Non-Lacto-dominant result is given along with detected reproductive tract pathogens known to impact implantation outcomes.

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Note: ERPeak and ERBiome can also be ordered separately.

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⁴ Internal CooperSurgical data, ERPeak test white paper, 2021.
Comprehensive Genetic Testing

Contact your local sales representative to find out more

Our Complete genetic testing portfolio

**PGT-Complete℠**
- **4-in-1 genetic test**
  - PGT-A
  - Parental QC
  - Genetic PN check
  - Parent of Origin of Aneuploidy

**ER-Complete℠**
- **3-in-1 endometrial analysis**
  - Window of Implantation
  - Abundance of Lactobacillus
  - Reproductive tract pathogens