

PGT-A
increases
the chances
of a healthy,
ongoing
pregnancy

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WITH SCIENCE ON YOUR SIDE

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PGT-A

Preimplantation Genetic
Testing for Aneuploidy

by **Igenomix**[®]

Helping you have a
successful pregnancy
and a healthy baby



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What is PGT-A?

PGT-A is a genetic test performed on embryos created via IVF to identify chromosomal abnormalities

PGT-A quantifies the number of chromosomes in an embryo biopsy to differentiate between chromosomally normal (euploid) embryos with 46 chromosomes and chromosomally abnormal (aneuploid) embryos with missing or extra chromosomes. Most aneuploid embryos would either fail to implant or result in a miscarriage.

This will help you and your clinician select an embryo for transfer that will give you the highest chance of achieving an ongoing pregnancy.

Benefits of PGT-A

- Increases the chance of pregnancy
- Decreases miscarriage rates
- Increases the chance that a healthy baby is born
- Enables confident single embryo transfer, avoiding complications associated with multiple pregnancies
- Reduces the number of IVF cycles needed to achieve pregnancy, potentially reducing the time and costs of extra cycles

Research shows that PGT-A decreases the overall cost per live-birth compared with non-PGT-A embryo transfer.¹

PGT-A decreases the time to achieve an ongoing pregnancy¹



Without
PGT-A



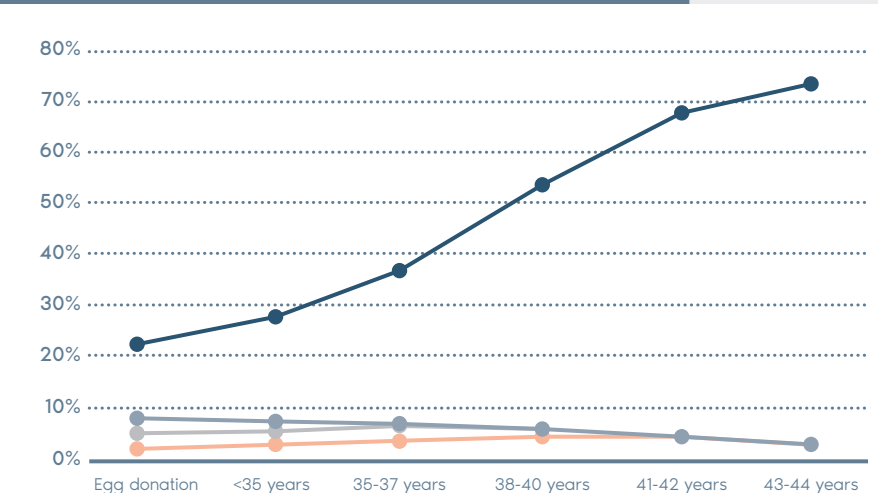
With
PGT-A

Know your risk:

The chance of chromosomally abnormal (aneuploid) embryos increases with female age

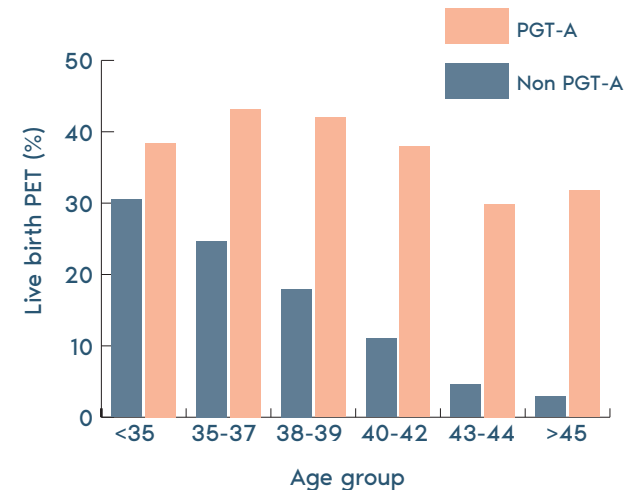
- Uniform aneuploidies
- High degree mosaicism
- Low degree mosaicism
- Only segmental aneuploidies

INCIDENCE OF ANEUPLOIDY AND MOSAICISM ACCORDING TO FEMALE AGE



Igenomix internal data from trophectoderm biopsies analyzed in 2019

Significantly higher live birth rate in PGT-A versus non-PGT-A per embryo transfer.²



1. Rubio et al: In vitro fertilization with preimplantation genetic diagnosis for aneuploidies in advanced maternal age: a randomized, controlled study. *Fertil Steril.* 2017 May;107(5):1122-1129.

2. Sanders et al. Analysis of IVF live birth outcomes with and without preimplantation genetic testing for aneuploidy (PGT-A): UK Human Fertilisation and Embryology Authority data collection 2016-2018. *J Assist Reprod Genet.* 2021; 38:3277-3285