

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

**Igenomix**<sup>®</sup>  
PART OF VITROLIFE GROUP

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Smart  
**PGT-A**

Preimplantation Genetic  
Testing for Aneuploidy

by **Igenomix**<sup>®</sup>

Helping you have  
a successful  
pregnancy and a  
healthy baby



**Igenomix**<sup>®</sup>  
WITH SCIENCE ON YOUR SIDE

# What is PGT-A?

## PGT-A is a genetic test performed on embryo biopsies from embryos created with IVF

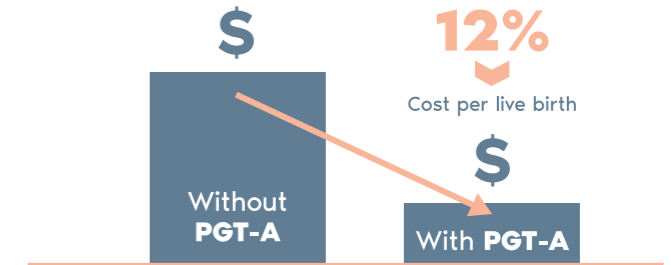
PGT-A quantifies the number of chromosomes in each embryo biopsy to differentiate between chromosomally normal (euploid) embryos with 46 chromosomes and chromosomally abnormal (aneuploid) embryos with missing or extra chromosomes. Most aneuploid embryos would either not implant or result in a miscarriage.

This will help your physician select the best embryo for transfer and improve your chances of achieving an ongoing pregnancy.

# Benefits of PGT-A

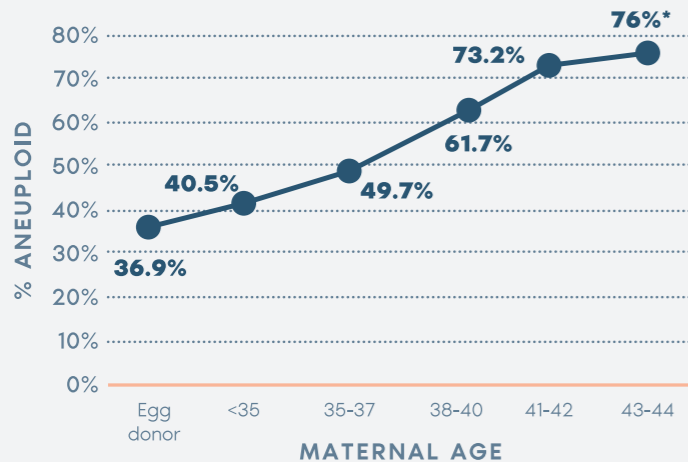
- Increases the chance of pregnancy.
- Decreases miscarriage rates.
- Increases the chance that a healthy baby is born.
- Enables confident single embryo transfer, avoiding health complications associated with twin or triplet pregnancies.
- Reduces the number of IVF cycles needed to achieve pregnancy,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

The use of PGT-A prior to embryo transfer can help decrease the cost of treatment resulting in a healthy liveborn baby by 12% in Europe, compared with a non-PGT-A IVF cycle.<sup>1</sup>



## Women age 38-40 undergoing IVF have a 64% chance that each embryo will be chromosomally abnormal (aneuploid)

INCIDENCE OF ANEUPLOID BLASTOCYSTS ACCORDING TO MATERNAL AGE.



\*ANOVA P<0.05

Rubio et al., Biol Reprod. 2019

## PGT-A decreases the time to achieve an ongoing pregnancy



Without PGT-A



With PGT-A

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.

