

Smart PGT-A

Preimplantation Genetic
Testing for Aneuploidy

by Igenomix®

Helping you have a
successful pregnancy
and a healthy baby

A young couple is shown from the chest up, embracing each other. The woman is on the left, with her arms around the man's shoulders. Both are smiling warmly. They are outdoors, with a bright, hazy background suggesting a sunny day. The man is wearing a light blue button-down shirt, and the woman is wearing a white top with a blue strap. The overall mood is happy and hopeful.

Igenomix®
WITH SCIENCE ON YOUR SIDE

What is PGT-A?

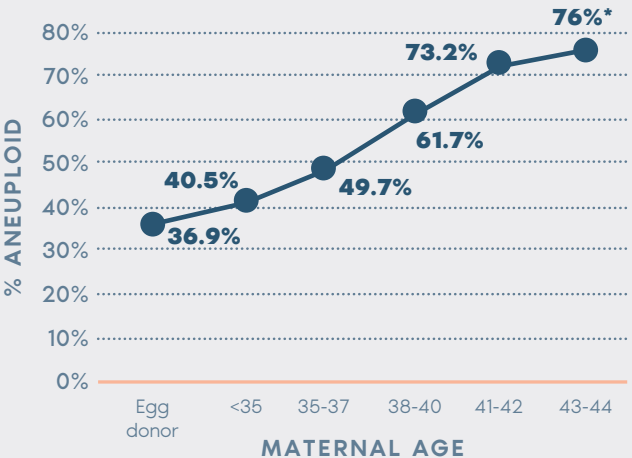
PGT-A is a genetic test performed on embryo biopsies from embryos created with IVF

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.

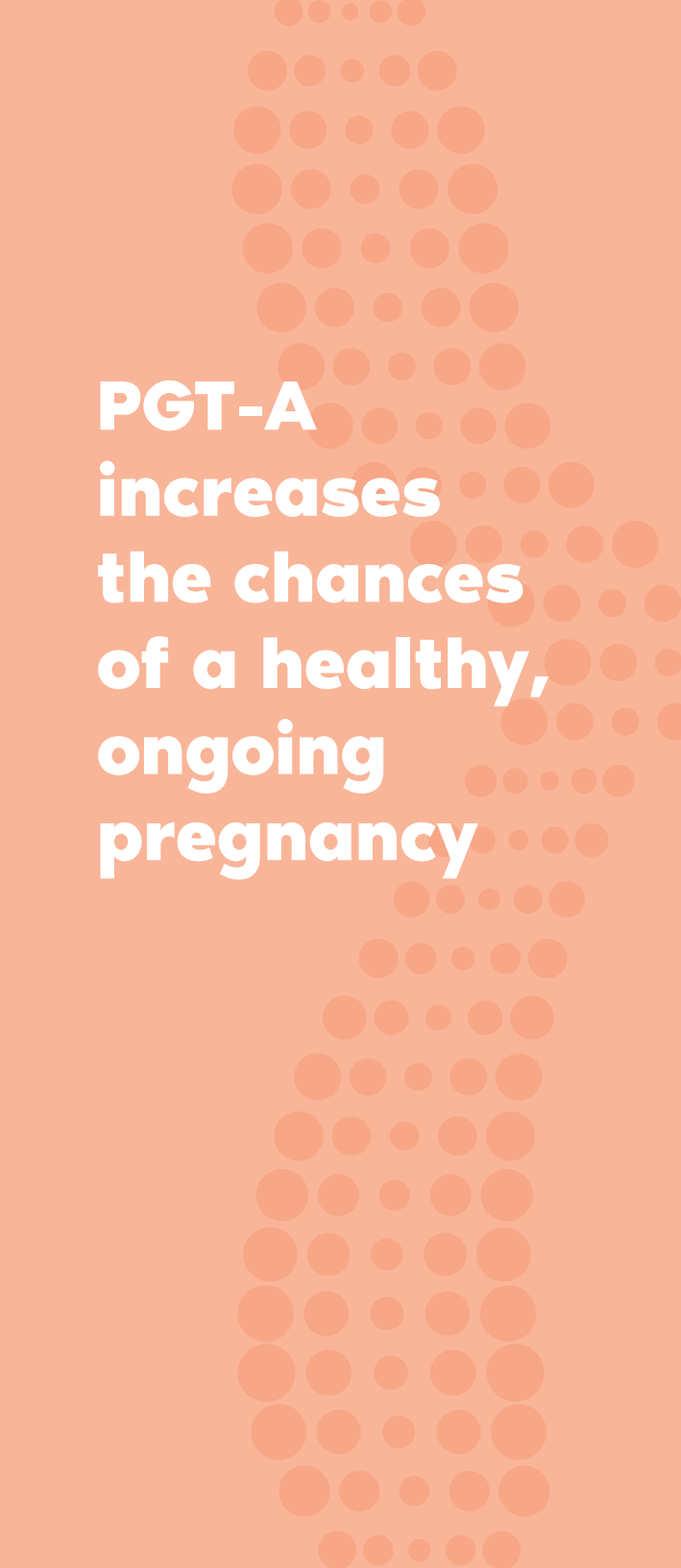
Women age 38-40 undergoing IVF have a 64% chance that each embryo will be chromosomally abnormal (aneuploid)

INCIDENCE OF ANEUPLOID BLASTOCYSTS ACCORDING TO MATERNAL AGE.








*ANOVA P<0.05

Rubio et al., Biol Reprod. 2019



**PGT-A
increases
the chances
of a healthy,
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.

PGT-A decreases the time to achieve an ongoing pregnancy



Without
PGT-A



With
PGT-A

A recent study showed PGT-A helped decrease the overall cost of having a healthy baby compared to a non PGT-A cycle.¹

