Who can do this test?

- Advanced maternal age.
- Recurrent IVF failures.
- Previously known chromosomal abnormalities.
- History of miscarriages.

GENETIKA MenaLabs
Umm Suqeim Road, Al Quoz Industrial 4
PO 26148 Dubai, United Arab Emirates.
Land Line: +971 (0) 4 388 3660 / 218/215/219
e-Mail: genetika@menalabs.com
What is PGT-A?

- Preimplantation Genetic Testing for aneuploidy (PGT-A) involves checking the chromosomes of embryos created by in vitro fertilisation (IVF) or intracytoplasmic sperm injection (ICSI) for chromosomal abnormalities.

- Embryos with abnormal chromosomes often end in miscarriage, a failed treatment cycle or the child may have a condition like Down’s Syndrome.

- During PGT-A, a single cell or a small number of cells is removed from the embryo. The DNA of these cells is then tested to see whether they have any chromosomal abnormalities.

- Only chromosomally normal euploid embryos are then implanted in the womb.

Clinical Utility and benefits

- By selecting chromosomally normal embryos, PGS improves the pregnancy success rates.

- Reduction in implantation failure and miscarriage rates.

- Improves chances of having a normal and healthy baby.

- Reliable and Fast.

- Using next generation sequencing technology has made it possible to deliver results in 24-48 hours!

- By analysing MtDNA to Autosomal ratio, we can predict embryos with a higher implantation potential.

How does it work?

- Couple with advanced maternal age, balanced translocation, abnormal chromosomal history, recurrent miscarriages or implantation failures

- Day 3/Day 5 embryo biopsy

- Biopsied cells sent to lab

- PGT-A chromosomal analysis

- PGT-A report

- Transfer chromosomally normal embryos