

Actionable for Doctors, Understandable for Patients.

Through PRENITA, BioServe offers a range of pre and post natal genetic tests that provide accurate results with actionable insights, which help the clinician to provide the best outcome to the client.



Simple



Reliable



Fast



Reach us at:

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PRENITA



Preimplantation Genetic Screening

YOUR ASSURANCE ON
SAFETY

WHAT IS PRENITA PGS

The number of factors to consider are quite daunting when you decide to opt for an In Vitro Fertilisation (IVF) program, especially if you've been experiencing primary infertility or have had recurrent miscarriage. Through PRENITA PGS you can get one step closer to a stress free pregnancy.

PRENITA PGS is a screening technique that provides vital information about the genes made up of an embryo in IVF for *aneuploidies*. This significantly increases the odds of successful implantation and a pregnancy. It also enables you to opt for single embryo transfer, which reduces the chance of high risk multiple pregnancy. It is one of the most reliable selection tools for your clinician to decide on the perfect embryos for transfer.

What is an aneuploidy

Usually our cells have 23 pairs of chromosomes, packets of genetic information. The correct number of chromosomes is 46 per cell. When an embryo has an incorrect number of chromosomes, it is referred to as aneuploidy.

These random errors in the number of chromosomes (aneuploidy) may result in failure of the embryo to implant, a miscarriage or abnormal live birth.



stimulation
and egg
retrieval.



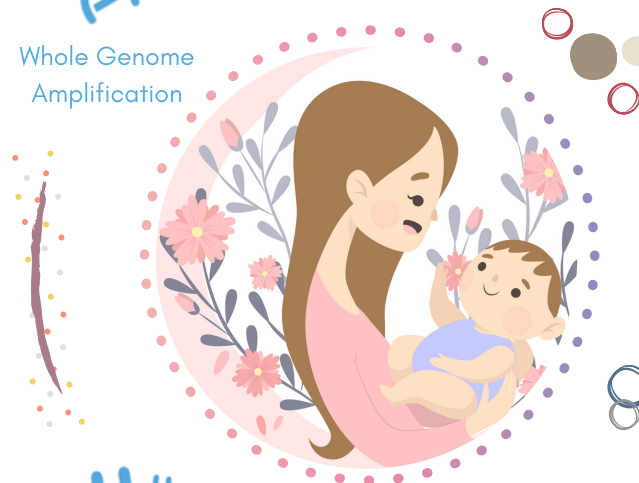
Embryo
Development



Embryo
Biopsy



Whole Genome
Amplification



Library
Preparation

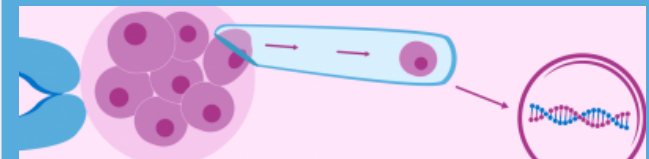


Results

How does it work

Healthy pregnancy begins with a healthy embryo. Your IVF journey begins with the retrieval of the eggs followed by their fertilization. One or more cells are taken from the embryos and sent to us for genetic testing while the embryos are growing in the IVF clinic.

PRENITA PGS screens embryos to find the ones which are most likely to have the correct number of chromosomes (euploid). Testing will reduce the number of embryos available for transfer, but will ensure those that are transferred have the best chance of survival.



WHO NEEDS PRENITA PGS

PRENITA PGS is not an obligatory procedure in regular IVF programs. However, experts strongly suggest PGS if you do meet the following conditions:

- break down IVF cycles in the past (2 and more)
- pregnancy miscarriage
- birth of previous children or family members with chromosomal diseases
- presence of hereditary diseases among family members
- women of advanced maternal age
- abnormalities in spermatogenesis.

Ask your doctor if PRENITA PGS fits your care plan

PRENITA PGS

Chromosomal Aneuploidies

CG003