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# Microbiological Laboratory



PGS allows for individuals and couples to achieve a healthy baby.

## Test Details

Test Name

PGS

Test Code

15011

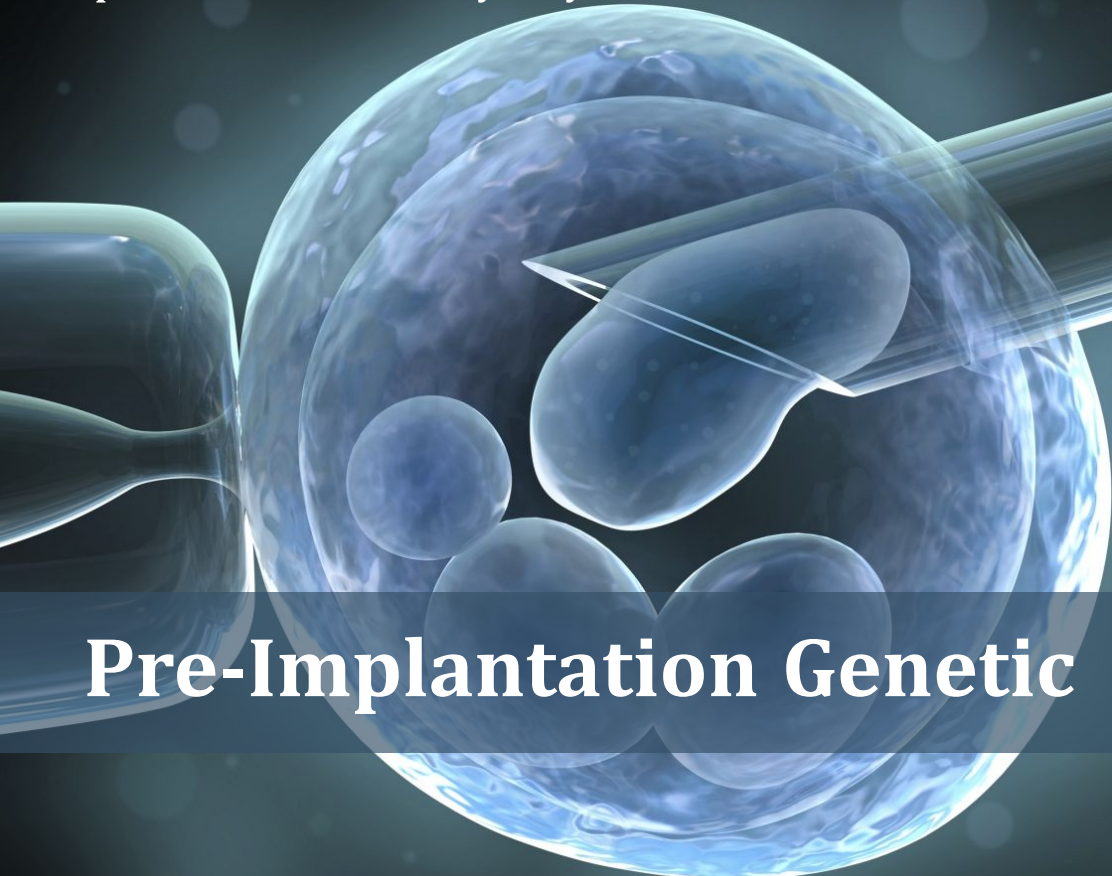
Specimen

3<sup>rd</sup> / 5<sup>th</sup> Day Embryo

Biopsy

Result on

Within 48 hrs



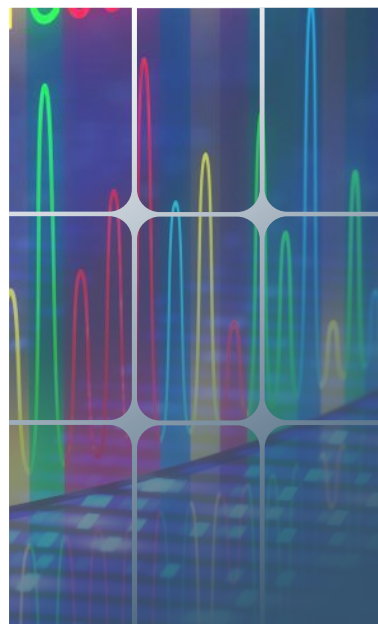
# Pre-Implantation Genetic Screening

## ABOUT TEST

Pre-implantation genetic testing is a technique used to identify genetic defects in embryos created through in vitro fertilization (IVF). Pre-implantation genetic diagnosis (PGD) is specifically useful when one or both genetic parents have a known genetic abnormality. The testing is performed on an embryo to determine if it also carries a genetic abnormality. In contrast, Pre-implantation genetic screening (PGS) refers to techniques where embryos from chromosomally normal genetic parents are screened for abnormal chromosomes.

## MICROLABS TECHNOLOGY

- 01 PGS test can scan **THOUSANDS** of **SEQUENCES** of DNA that are unique to each chromosome, accurately identifying abnormal gains or losses (Copy Number Variations).
- 02 With these advancements, our team at Microlabs is able to identify chromosomal abnormalities to decrease the risks and help people to achieve their dreams of happy parenthood.
- 03 This NGS technology allows MICROLABS to work with patients of all ages and to screen for chromosomes that may have irregular features before implantation



## Most common reasons to perform PGS Testing :

- ⌘ Recurrent Miscarriages
- ⌘ Advanced Maternal Age (35 and older)
- ⌘ Previous IVF Failure
- ⌘ Single Embryo Transfer

# Sensitivity 100%