



Personalized insight for family planning

SAFE | SENSITIVE | RELIABLE

## WHAT IS Rodinia?

Rodinia is a genetic test that screens for genetic changes (mutations) associated with **infertility**. By identifying the genetic cause of infertility, your healthcare provider will be able to take informed and accurate decisions on the best clinical management for you, which will help increase your chances of conceiving.

## WHAT DOES Rodinia TEST FOR?



**FEMALE INFERTILITY PANEL** (55 genes, X chromosome aneuploidies)



**MALE INFERTILITY PANEL** (40 genes, X and Y chromosome aneuploidies, including Y-chromosome microdeletions)



**THROMBOPHILIA AND NAIT PANEL** (22 genetic mutations)

## HOW DOES Rodinia HELP ME?



Identifies the genetic cause of infertility



Assists your doctor on deciding the most optimal treatment for you



Enables accurate prognosis



Increases the chances of successful pregnancy



Informs your doctor on potential complications from treatment



Informs if early interventions are beneficial

## WHO IS Rodinia FOR?

- ◆ Couples or individuals experiencing pregnancy delay in conceiving
- ◆ Individuals with specific phenotype indicating a genetic syndrome associated with a sex chromosome aneuploidy
- ◆ Women with irregular or absent menstruation
- ◆ Men with low sperm count, irregular sperm form, or movement
- ◆ Couples or individuals that will undergo assisted reproductive technology (ART) treatment
- ◆ Candidates for sperm or oocyte donation
- ◆ Individuals with family history of infertility
- ◆ Individuals with external characteristics indicating a syndrome associated with sex development
- ◆ Couples or individuals with more than one miscarriage

Applicable only for the Thrombophilia and NAIT Panel

## HOW IS Rodinia PERFORMED?



Rodinia is a non-invasive, safe and easy test to perform. Sample is collected via a buccal swab, by moving it in circular movements in the inside of the cheeks.