



A specialized infertility diagnostic laboratory



“Motherhood is not far if the diagnosis of infertility is correct and complete.”



Explain the Unexplained Infertility

Endometrial Receptivity & Function Analysis

A complete Endometrium Analysis

50%



of the women suffering from Unexplained & Multifactorial Infertility and STEP can help you identify those reasons of Failure.

What is STEP?

A mother's endometrial profile is inescapable factor in order to have a successful pregnancy due to its key role in implantation of embryo and providing nutrition during development. There are multiple factors which influence the pre-pregnancy stage of Mother. Primary Infertility, RPL and IVF failure are obstacles of healthy pregnancy. Mother need intense care and cure before she conceives.

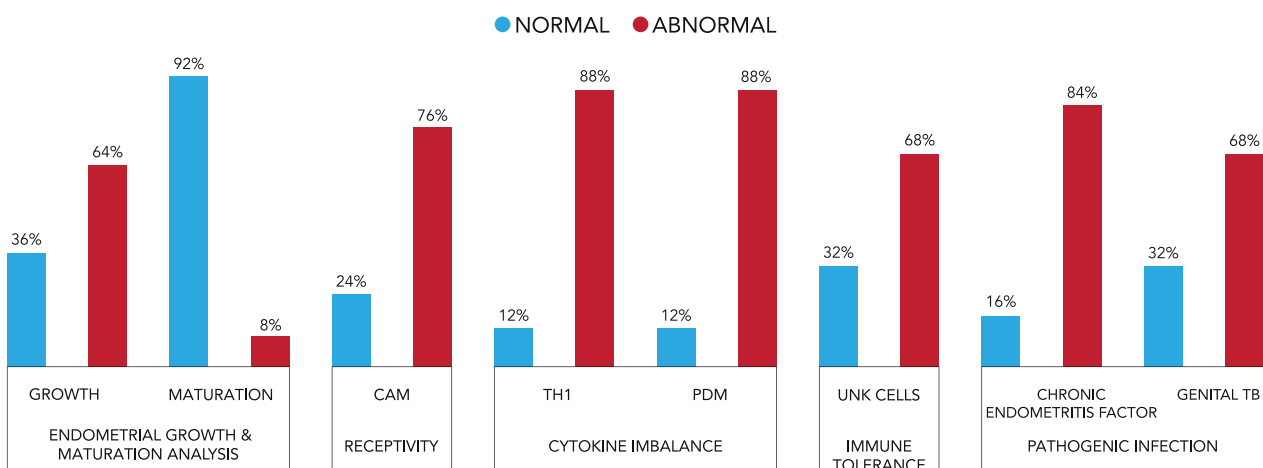
Soil Test Endometrium Profile (STEP) defines the role of these influencing factors in infertility, recurrent pregnancy loss (RPL), IVF failure or Implantation failure (RIF).

STEP test will explain following condition of the endometrium

1. Endometrial Receptivity
2. Endometrial Growth and Maturation
3. Maternal immune tolerance
4. Maternal immune tolerance
5. Endometrial Cytokines imbalance
6. Endometrial Inflammation & Infection (Chronic Endometritis)

* Additional Genital TB can be screen as per the physician requirement

ANALYSIS OF ENDOMETRIUM THROUGH STEP TEST IN UNEXPLAINED INFERTILITY/ RIF



Why STEP?

STEP test is specially designed for the need of infertile females who have unexplained infertility and want to know the root cause of their RPL and RIF. STEP test is a combination of multiple markers that thoroughly assess your endometrium for its functional capacity. For a proper implantation, the endometrium needs to be fully developed & mature, functionally receptive, infection-free, immune-balanced and immune-tolerant. All these pieces of information about your endometrium are furnished in the single STEP test. STEP test is the only single multimarker test of its kind that gives the complete picture of the endometrium and explains the unexplained causes of infertility.

Advantages

STEP test has several advantages, such as:

1. The complete endometrial function and receptivity analysis
2. Multi-marker diagnostics instead of single marker
3. The test gives patient specific tailored diagnosis & personalized treatment option

“The unknown causes are not unknown anymore”

- Unexplained Infertility
- IVF Failure or RIF/RPL
- Endometritis & Infection
- Endometrial Receptivity & Function
- Maternal Immune Tolerance
- Cytokine Imbalance



Who should take STEP Test ?

- Women with infertility
- Women with IUI Failure
- Women with IVF Failure
- Women with Recurrent Implantation Failure (RIF)
- Women with recurrent pregnancy loss

A complete pathology report requires an accurate biopsy sampling time that plays a significant role in the Quality of results.

Sample Requirement:

Endometrial biopsy day: Cycle Day 21-23 [Preferred 21st day]

1. Natural Cycle : 7-9 days after ovulation [LH +7 to LH+9]
2. Mock Cycle: 6-8 days after start of progesterone [P+6 to P+8]

Appreciation of STEP Test by IVF and Fertility Specialists



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