

# ANDERSON FEMALE INFERTILITY PANEL



# WHAT IS ANDERSON FEMALE INFERTILITY TEST

Next Generation Sequencing technology to identify genetic root cause of infertility. Sequences hundreds of genes and 53 polymorphic genes that are both causative and risk enhancing genotypes. Anderson Female Infertility Test is a test that screens for single nucleotide variants and single polymorphic variants associated with Female infertility.


**Biochemical and instrumental testing, such as hormone checks, ultrasounds can identify up to 65% of infertility cases. Infertility genetic testing can identify these changes, that can help to take informed and accurate decisions on the best clinical management for you, which will help increase your chances of conceiving.**





# WHY GET TESTED?

**Anderson Female Infertility Test can help to:**

- **Identify the genetic cause for infertility**
  - **Enable accurate prognosis**
  - **Assist the healthcare provider in deciding the most optimal treatment for a couple or an individual**
  - **Increase the chances of a successful pregnancy**
  - **Inform on potential complications from treatment, such as ovarian hyperstimulation syndrome Inform if early interventions will be beneficial**
  - **Can be beneficial for couples or individuals with more than one miscarriage, or with a family history of Neonatal Alloimmune Thrombocytopenia (NAIT) among other reasons.**
  - **offers a Thrombophilia and NAIT Panel that checks for specific genetic changes associated with recurrent pregnancy loss.**
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# GENES and DISORDERS

53 genes are analyzed by NGS technology to identify polymorphic variants associated with various indications.

- Unexplained Infertility
- female idiopathic infertility
- Polycystic ovarian syndrome
- Hypothalamic dysfunction
- Premature Ovarian Insufficiency
- Premature Ovarian failure
- Poor Ovarian Reserve
- low AMH
- Hyperprolactinemia

- Hyperprolactinemia
- fallopian tube defects
- Endometriosis
- uterine fibroids or polyps
- obesity
- recurrent failure of ART
- Embryo Development defects
- Recurrent Pregnancy losses/IUD/NTD

- Ectopic pregnancies/Pre-term/PROM
- Preeclampsia
- Gestational Diabetes
- IHC
- females with normal karyotype
- Recurrent IUI/IVF/ICSI failures
- Poor/Hyper/OHSS

*F5, F13A1, GP1BA, ITGA2B, ITGB3, ITGA2, SERPINE1, MTHFR, ACE, APOB, APOE, MTR, MTRR, AGT, AGTR1, GSTP1, F2, LHCGR, FSHR, AMH, AMHR2, PROZ, IL10, IL17, IL18, IL21, VEGFA, SERPINE, PROKR2, NOBOX, COMT, LHB, ESR1, FIGLA, MDM2, HFM1, STOX1, TUBB, TNF, FMR1, LEPR, BMP15, CYP19A1, ESR2, GDF9, HRG, KISS1, KISS1R, PAI1, P53, SHBG, SOD2, TNF*



# WHY CHOOSE ANDERSON FEMALE INFERTILITY TEST

Anderson Female Infertility Test provides valuable genetic insight that improve the chances of achieving pregnancy

- Identifies infertility causing genetic changes
- Guides the healthcare provider to find the best therapy or clinical management for each individual
- Uses painless and non invasive collection method
- Delivers time-sensitive and cost effective genetic information
- Easy to interpret Report
- Utilizes superior genomic analysis with high precision and accuracy results



# WHAT SHOULD YOU DO FOR ANDERSON FEMALE INFERTILITY TEST



Ask your healthcare provider about Anderson Female Infertility Test



Healthcare provider will collect the sample



The sample will be sent to our Laboratory

The sample will be analyzed in our laboratory



Results will be sent to your healthcare provider within 2-4 weeks from sample receipt

## TEST DETAILS:

**3ml Peripheral Blood  
in PURPLE TOP  
(EDTA) Vacutainer**

**TAT - 2-4 WEEKS**