Are you planning for IVF or natural pregnancy?

- Visit us and take complete pre-pregnancy tests to ensure that you attain a healthy pregnancy and avoid preterm births and other complications during delivery.
- First, know your body's complete health details before going for IVF treatment so you won't waste time, money, and high risk.
- We do personalized tests which are specifically designed for each individual based on their health condition.

INFERTILITY

Home sample collection for Infertility Testing in India.

Get your samples collected from anywhere in India and get your Infertility Test report in 3 hours!

AMMAGENOMICS

&

UNI5 SAKTHI FOUNDATION

PRESENTS

Online Course for pregnant women

An effective practical motherly guide for having normal/vaginal delivery with proven techniques and tips to give birth to a healthy and intelligent child.

Blending traditional and modern scientific knowledge is offered in the course.

DURATION : TWO MONTHS

SESSION : WEEKLY TWICE

FOR MORE INFORMATION

CONTACT US : +91 72006 36219

AMMAGENOMICS

Molecular Testing Lab

CONTACT US

+91 72006 36219/ +91 8015095219

1/87, Arcot Rd, Saligramam, Chennai - 600093.

www.ammagenomics.com

facebook.com/ammagenomics

instagram.com/ammagenomics_lab

SUGGESTED TESTS FOR MALE

Is Sperm Count & Motility Test alone enough to detect Sperm Damage?

- Oxidative MDA Test (Malondialdehyde) can assess the membrane damage in Sperm.
- Oxidative stress affects sperm function and its competence. To attain pregnancy, only one sperm is needed for fusing with the Ovum or Egg cell. So, what is the use of doing only the Sperm Count and Motility Test?
- Testing for Oxidative MDA, Antioxidants and Polyphenol levels has helped to overcome sperm damage and increase Motility and Sperm Count from 20 million to 60 million.
- Some couples who had failed IVF many times, after taking these tests with us and changing their diet and lifestyle to prevent sperm and egg cell damage had attained successful pregnancies.

SEMEN ANALYSIS

In Semen Analysis we do the following tests to get the overall health of the semen.

- Sperm Count, Mortality and Morphology test.
- Total Polyphenol Test to know the quality of the semen and how healthy is your diet.
- Oxidative MDA Test to know how much damage is there in your semen and how healthy it is.
- Antioxidant Test to know how much your semen is protected.
- **Other optional Tests for Males:**
  Blood Polyphenols
  Blood Antioxidants
  Blood MDA

SUGGESTED TESTS FOR FEMALE

Vaginal Microbiome Test

- The vagina contains a balance of healthy and unhealthy bacteria. If the vagina contains more unhealthy bacteria, then women will face difficulty in getting pregnant or will get frequent abortions, premature delivery, miscarriages, and an increased risk of sexually transmitted infections, etc.
- Therefore, taking the Vaginal Microbiome Test is good before planning for pregnancy or going for IVF.

Other Test Include

- LH - (Luteinising Hormone)
- Prolactin
- FSH (Follicle Stimulating Hormone)
- Estradiol Test
- Progesterone Test
- HCG Test (Human Chorionic Gonadotropin) – Qualitative and Quantitative
- Testosterone
- Sex Hormone Binding Globulin (SHBG)
- AMH (Anti Mullerian Hormone)
- Special Phenolics like Rutin and Flavonoid Test for success in IVF, IUD.
- Other optional Tests for Females:
  Blood Polyphenols
  Blood Antioxidants
  Blood MDA

SUCCESFULL PREGNANCY WITH AMMAGENOMICS

A MOTHERLY CARE FOR SUCCESS

Do not waste time and money for IVF treatment before knowing the complete health details of your body instead visit us and take these tests to ensure that you attain a healthy pregnancy, avoid preterm births and other complication during delivery.

Contact Us

+91 72006 36219/ +91 73053 16219

www.ammagenomics.com

ammagen1@gmail.com

1/87, Arcot Rd, next to Raymonds Showroom, near Avichi School, AVM Nagar, Virugambakkam, Chennai, Tamil Nadu 600092

@ammagenomics **@ammagenomics_lab**

Polyphenols/Antioxidant test in blood and semen

Polyphenols provides a protective effect to the body by preventing the oxidative damage of the cells reduces the effect of degenerative diseases. It reduces the blood pressure. It has a positive effect on glucose metabolism. It creates an anti-diabetic effect in the body. Diabetes is a condition in which many physiological functions gets altered, it can cause ulceration, sexual dysfunction, amputation. Hence taking the test will let you know the amount of polyphenols present in the body and prevent the effects of these degenerative diseases. Another benefit is that polyphenols are effective in the treatment of polycystic ovarian syndrome (PCOS). It has a direct influence on gut bacteria and the reproductive hormones. Therefore polyphenols has a strong impact on fertility. A proper diet will help increase the polyphenols in the body after finding the test results.

AMMAGENOMICS

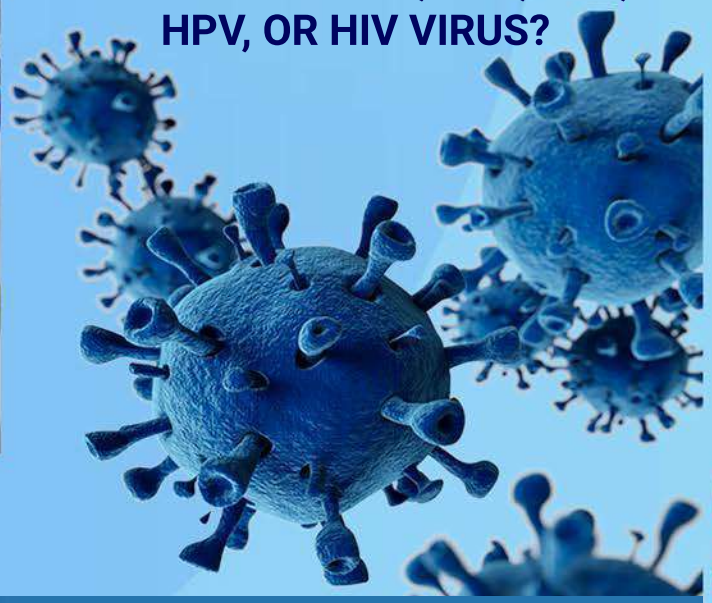
Vaginal microbiome test

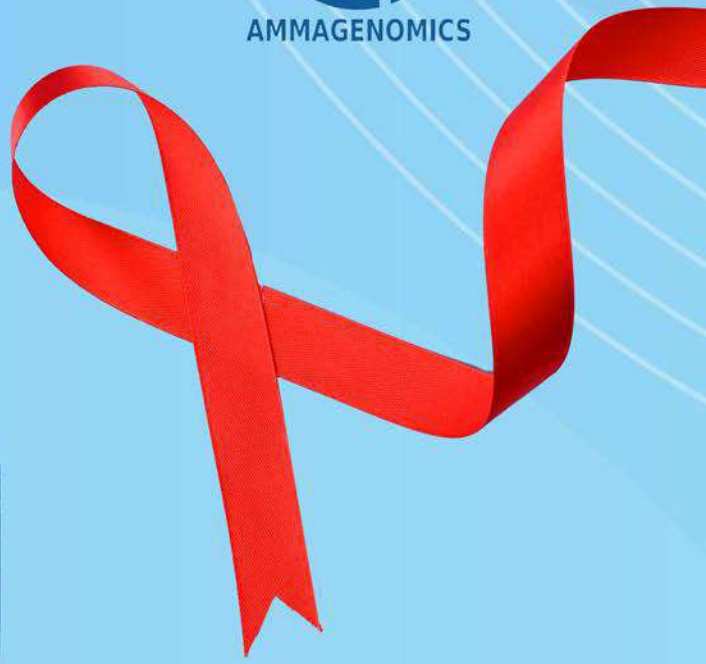
The vagina contains healthy amount of bacteria, majorly the presence of lactobacillus. . Pregnant women are more vulnerable to pathogenic infections. Disruption of microbiota composition and functions can cause various disorders including premature delivery in pregnant women, infertility, miscarriages and increased risk of sexually transmitted infections. Therefore it is wise to do testing before pregnancy for gut microbiome and vaginal microbiome which may increase risk for preterm birth or congenital malformations. This will help newborns with general health, good immunity and prevent psychological disorders like like autism ADDH after birth. When this test is done you will come to know the number of vaginal microbiome present and appropriate prevention stratergy to be taken. Instead of taking a big step into IVF treatment take the first step with AMMAGENOMICS in knowing other factors that can cause infertility.

Accurate Molecular Mutation Analytical Genomics

AMMAGENOMICS

ARE YOU WORRIED IF YOU ARE INFECTED BY HCV, HBV, HSV, HPV, OR HIV VIRUS?





AMMAGENOMICS

Molecular Testing Laboratory

+91 72006 36219/ +91 8015095219

www.ammagenomics.com

1/87, Arcot Rd, Saligramam,
Chennai 600093.

www.facebook.com/ammagenomics

www.instagram.com/
ammagenomics_lab

OUR ACCREDITATIONS

NABL

ISO 9001:2015 CERTIFIED COMPANY

icmr INDIAN COUNCIL OF MEDICAL RESEARCH

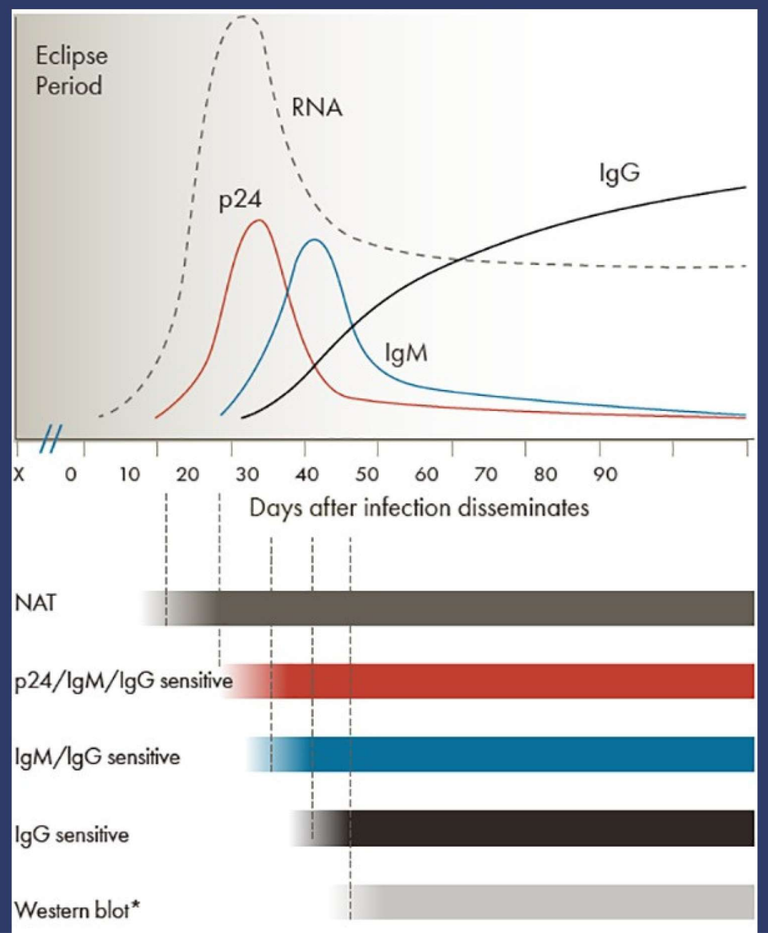
Need to check, but where will I get quick results?

AMMAGENOMICS offers HCV, HBV, HSV, HPV, and HIV RT-PCR Test Results in Three Hours!

WHY TEST AT

AMMAGENOMICS?

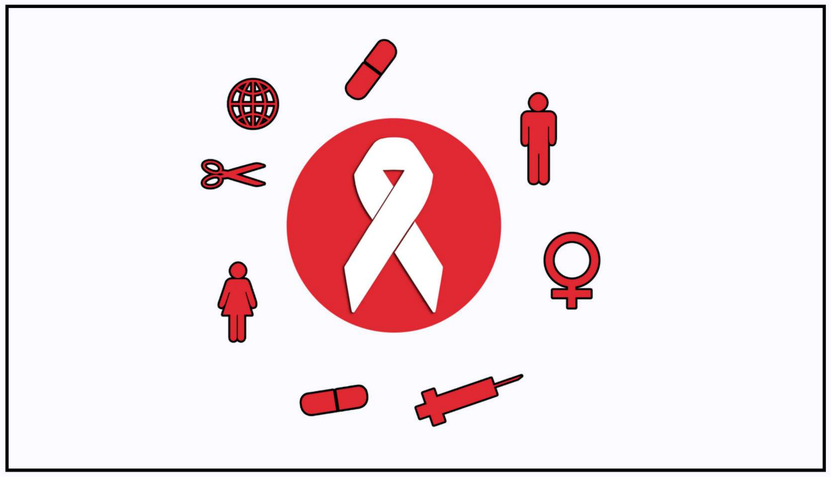
- To rule out false positive or negative HIV test results, WHO recommends additional HIV tests to be taken to avoid doubts and worries about HIV Infection.
- Most diagnostic labs perform Serologic Tests (Elisa or Rapid Cards) and may miss HIV, HBV, HSV, HPV and HCV because these are RNA viruses that mutate frequently and lose sensitivity and specificity.
- We at AMMAGENOMICS use Fourth Generation and high-quality Extraction Kits for doing RT-PCR tests.
- We do Screening Rapid Tests, Qualitative and Quantitative RT-PCR Tests for HIV 1 & HIV 2, HCV, HSV, HBV, and HPV and give accurate results in a quick turnaround time of 3 to 4 hours.
- We do both low-cost qPCR tests with basic information and detailed analysis with DNA sequencing.



WINDOW PERIOD FOR TESTING HIV 1 & HIV 2 VIRUS

If it is 10 to 15 days after exposure, RT-PCR tests will give an accurate result.

- HIV 1 & HIV 2 – Qualitative RT-PCR Test - Results in 3 hours.
- HIV 1 & HIV 2 – Quantitative RT-PCR Test - Results in 4 hours.



If it is almost 20 days to 30 days of exposure you may go for an Antigen / Antibody Test to be accurate.

- HIV – Screening Rapid Test - Results in 30 minutes to one hour.
- However, based on immunity these may differ for everyone.
- Therefore, a periodic test after 45 to 60 days is recommended to be sure of the absence of the virus.

ARE YOU UNDERGOING SLEEPLESS NIGHTS AFTER ENCOUNTERING UNPROJECTED SEX?

- Will I get an infection?
- Will I get infected with the HIV 1 or HIV 2 virus?
- Will I get STD / STI? Where can I quickly get tested?
- Where to get tested?
- Where will I get quick results for HIV?
- Where will I get accurate and reliable HSV, HCV, HBV, HPV and HIV RT-PCR Test Results?
- Where to take a reliable and accurate test to make sure that there is no infection of HIV, HBV, HSV, HPV or HCV and be safe before getting a blood transfusion?

> Get your samples collected from anywhere in Chennai and get your food test report in a quick turnaround time.

WHY TEST AT AMMAGENOMICS FOOD TESTING LABORATORY?

- Polyphenol nutrients strongly alter our body's microbiome more than any other nutrients.
- We do Polyphenol Tests to know your health status. This also helps you to prevent diseases in the future.
- At AMMAGENOMICS we test for Total Polyphenol Content and also specific polyphenols like Flavonoids (Quercetin), Rutin, Anthocyanidins, Flavones, Stilbenes, and Lignans.
- We detect these in all food and food products and in biological samples like blood, saliva, urine, semen, CSF, etc. We give accurate results in a quick turnaround time.

TOTAL POLYPHENOL CONTENT

Food is Medicine and eating polyphenol-rich food keeps our bodies healthy. But have you ever wondered if the food that you eat has enough polyphenol and nutritional content?

WHY SHOULD WE CHECK FOR TOTAL POLYPHENOL CONTENT IN THE FOOD THAT WE EAT?

- Polyphenols are prebiotics needed for our body. Polyphenol is a nutrient for healthy gut bacteria to grow and make our genetic makeup strong in the direction of health.
- They are produced by plants to help our body's immunity to fight against diseases. Once we know the Total Polyphenol Content level in our body, we can change our dietary lifestyle and be healthy.

Accurate Molecular Mutation Analytical Genomics

AMMAGENOMICS

MOLECULAR TESTING LAB

CONTACT US!

+91 72006 36219/ +91 9840576219

contact@ammagenomics.com

1/87, Arcot Rd, Saligramam, Chennai 600093

www.ammagenomics.com

OXIDANT MDA TEST

- We are doing an Oxidative MDA test in both blood and food in a quick turnaround time.
- We test for high-damaged fats (MDA) in all snacks and food that damage our body and causes diseases.
- Fatty liver, high cholesterol levels, PCOS, thyroid issues, infertility, urinary infections, cancer, arthritis, diabetes and all other inflammatory diseases have relation to MDA.

WHY DO YOU NEED TO TAKE OXIDANT MDA TEST?

- High Malondialdehyde (MDA) indicates oxidative damage in our body So testing for MDA assay in blood in addition to checking cholesterol levels is very important.
- Sweets, savouries, fried snacks, and cakes are made in repeated frying and cheap quality oils and fake ghee and are adulterated with petroleum-based mineral and crude oils.
- At AMMAGENOMICS, we do test all snacks, oils, sweets, and other foods with MDA testing to check the level of damaged fats and we give accurate results in a quick turnaround time.

ANTIOXIDANT TEST

Lot of fruits, vegetables, dry fruits, nuts, oils, and herbs have high antioxidant content which is very important for a healthy body.

WHY TEST AT AMMAGENOMICS?

- We at AMMAGENOMICS use our own “Patent Pending” extraction kits to test for Antioxidant / Vitiamin A, B, C, D, E and K along with TBARS, and MDA acrylamide levels in both blood, semen, and saliva samples.
- We also test fried food, snacks, repeatedly used fried oils, toxicity and give results in a quick turnaround time.
- Antioxidant testing in food helps to prevent ageing, diseases like cancer, diabetes, cholesterol deposits in artery blocks.

WE ALSO TEST FOR

- Hydrogen Peroxide
- DPPH
- Radical Scavenging Activity
- Ferric Reducing Antioxidant Power (FRAP)
- Thiobarbituric Acid Reactive Substance (TBARS) for MDA
- Flavonoids
- RT-PCR for gene expression markers involved in oxidative stress, anti-inflammatory, cardiac, renal, and liver toxicity.