GeNeCaRe
Diagnostics & Research Centre
WE CARE FOR YOUR GENES

Non Invasive Prenatal Screening

Science You Can Trust For The Life You Are Expecting

NIPS

•Is a screening test in early pregnancy to detect Down syndrome and other chromosome conditions

· is safe and does not pose any risk to mother or baby

· Is having high sensitivity (99 %) and specificity (>99%) as compare to other screening TEST available.

· Is a screening test and In case of high risk a definite diagnosis of a chromosome condition in the baby is always recommended by CVS or amniocentesis.

We Care For Healthy Pregnancy

NIPS

Recommendations

ACOG recommends that NIPS should be discussed and offered to all patients as screening test during pregnancy. (*ACMG PRACTICE GUIDELINE Noninvasive prenatal screening (NIPS) for fetal chromosome abnormalities in a general-risk population: An evidence-based clinical guideline of the American College of Medical Genetics and Genomics (ACMG): Genetics in Medicine (2023) 25, 100336)

Reach us

D-202,203 , 2nd floor, Shreepad World, beside Nayara petrol Pump, Nishal Circle, Pal, 395009, Surat Gujarat India.

9426172023/9974642024
Email: Info@genecare.in
www.genecare.in

CONTACT US

9426172023

NIPS is advised when

- A screening test during the pregnancy has indicated that the baby is at increased chance of having a chromosome condition
- An ultrasound indicates a concern with the baby's growth and/or development
- A previous pregnancy has been affected by a chromosome condition or family history of chromosome aneuploidy
- Mothers aged 35 years or more at the date of delivery who have a higher chance of having a baby with a chromosome condition.

Why GeNeCaRe

- GeNeCaRe Non-invasive Prenatal Screening test (NIPS) uses advanced bio-informatics technology to evaluate fetal DNA (of placental origin) in maternal blood to identify genetic variations that can lead to disorders.
- Highly validated data.
- Validation includes using Fetal fraction from Indian and Asian population.
- Sensitivity and specificity of >99.9% for trisomy 21, 18, 13
- Apart from common aneuploidies, Rare Autosomal Aneuploidies (RAA), Sex Chromosome Aneuploidies (SCA)like Monosomy X(Turner Syndrome), XXY(klinefelter Syndrome), XXX, XYY (Jacobs Syndrome) , and the most clinically relevant micro deletions.
- Includes Microdeletion Syndrome like DiGeorge Syndrome, Prader Willi Syndrome, Angelman Syndrome, Cri Du Chat Syndrome, 1p36 Deletion, Wolf-Hirschhorn syndrome with sensitivity of 85%.
- Our NIPS is able to produce valid and accurate results in samples that have as little as 3.5% fetal fractions.
- Comprehensive view of fetal genome.
- Validated for Twin Pregnancy.