

Non-Invasive Prenatal Testing Market Report by Product Type (Consumables, Instruments), Test Type (Materni 21, Harmony, Panaroma, Verifi, NIFTY, and Others), Technology (NGS, WGS, and Others), Method (Ultrasound Detection, Biochemical Screening Tests, Cell-Free DNA in Maternal Plasma Tests, Fetal Cells in Maternal Blood Tests, and Others), Application (Trisomy, Microdeletion Syndrome, and Others), End-User (Hospitals, Diagnostic Laboratories, and Others), and Region 2024-2032

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Abstracts

The global non-invasive prenatal testing market size reached US\$ 4.0 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 14.0 Billion by 2032, exhibiting a growth rate (CAGR) of 14.6% during 2024-2032.

Non-invasive prenatal testing (NIPT) is a form of prenatal screening conducted on a pregnant woman's blood sample to detect the presence of fetal abnormalities. The test is primarily used to diagnose genetic disorders such as Down syndrome (or trisomy 21), Edwards syndrome (or trisomy 18), Patau syndrome (or trisomy 13) and Turner syndrome, by analyzing DNA fragments in the mother's blood. The procedure eliminates the need for various precarious and invasive procedures, such as chorionic villus sampling (CVS) and can be performed after nine weeks of pregnancy.

The growing prevalence of genetic disorders of the fetus is one of the key factors driving the market growth. Furthermore, technological advancements in the field of life sciences

and healthcare industry is also providing a boost to the market. For instance, the development of DNA sequencing technologies, regenerative medicines and breakthroughs in molecular research have created immense possibilities to combat the chances of any serious disease at the primitive stage itself. Additionally, the increasing acceptance rate for prenatal testing, along with rising health consciousness and awareness regarding the benefits and significance of such testing among the masses, is also driving the market growth. Healthcare providers, as well as expecting parents, are adopting alternatives to diagnose other genetic disorders, including spina bifida, cleft palate, and sickle cell anemia, and treat them in the early stages of fetal development. Moreover, the shifting trend toward childbearing at high maternal age (35 years or older) is also positively impacting the market growth. Advancing maternal age can lead to numerous health complications, such as high blood pressure, reduced fertility, risk of miscarriage and increased risk of chromosomal anomalies in the fetus.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global non-invasive prenatal testing market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product type, test type, technology, method, application and end-user.

Breakup by Product Type:

- Consumables
- Instruments

Breakup by Test Type:

- Materni 21
- Harmony
- Panaroma
- Verifi
- NIFTY
- Others

Breakup by Technology:

- NGS
- WGS
- Others

Breakup by Method:

Ultrasound Detection
Biochemical Screening Tests
Cell-Free DNA in Maternal Plasma Tests
Fetal Cells in Maternal Blood Tests
Others

Breakup by Application:

Trisomy
Microdeletion Syndrome
Others

Breakup by End-User:

Hospitals
Diagnostic Laboratories
Others

Breakup by Region:

North America
United States
Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy

Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the top non-invasive prenatal testing companies key players being Agilent Technologies, Inc., Berry Genetics, Inc., BGI Genomics Co., Ltd., Eurofins Scientific Services Limited, F. Hoffmann-La Roche Ltd, GE Healthcare, Igenomix, Illumina Inc., Laboratory Corporation, Natera Inc., PerkinElmer Inc., Thermo Fisher Scientific Inc., and Yourgene Health plc.

Key Questions Answered in This Report

1. What was the size of the global non-invasive prenatal testing market in 2023?
2. What is the expected growth rate of the global non-invasive prenatal testing market during 2024-2032?
3. What are the key factors driving the global non-invasive prenatal testing market?
4. What has been the impact of COVID-19 on the global non-invasive prenatal testing market?
5. What is the breakup of the global non-invasive prenatal testing market based on the product type?
6. What is the breakup of the global non-invasive prenatal testing market based on the test type?
7. What is the breakup of the global non-invasive prenatal testing market based on the technology?
8. What is the breakup of the global non-invasive prenatal testing market based on the method?
9. What is the breakup of the global non-invasive prenatal testing market based on the application?
10. What is the breakup of the global non-invasive prenatal testing market based on the end-user?
11. What are the key regions in the global non-invasive prenatal testing market?
12. Who are the key companies/players in the global non-invasive prenatal testing

market?

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