Non-Invasive Prenatal Testing (NIPT) Market by Instruments (Ultrasound, NGS, PCR, Microarray), Consumables, Method (FCMB, cf-DNA), Application (Trisomy, Microdeletion, Genetics) & End User (Hospital, Diagnostic Labs) - Global Forecast to 2021

Description: The major factors driving the growth of this market include the growing preference for non-invasive techniques over invasive methods, rising focus on reimbursement for NIPT, launch of new and advanced NIPT products, and increasing maternal age (associated with growth in the risk of chromosomal abnormalities in babies). Furthermore, untapped emerging markets are expected to offer potential growth opportunities to players operating in the NIPT market during the forecast period.

By product, the non-invasive prenatal testing market is segmented into consumables and instruments. In 2016, the consumables segment accounted for the largest share of the market. The high demand due to the recurring requirement of consumables as compared to instruments is a key driver for the growth of this product segment.

On the basis of method, the market is segmented into ultrasound detection, biochemical screening tests, fetal cells in maternal blood tests, and cell-free DNA in maternal plasma tests. The ultrasound detection segment dominated the market in 2016. However, the cell-free DNA in maternal plasma tests segment is expected to grow at the highest CAGR. This is mainly attributed to the increasing demand for cf-DNA based techniques in NIPT testing and rising government initiatives to provide prenatal services.

On the basis of application, the market is segmented into Trisomy, microdeletion syndrome, and other applications. Trisomy commands the largest and fastest-growing application segment of the global market in 2016. This is attributed to factors such as increasing maternal age and rising incidence of chromosomal abnormalities.

On the basis of end user, the market is classified into diagnostic laboratories and hospitals. In 2016, the diagnostic laboratories segment accounted for the largest share of the market. Growth in this end-user segment can be attributed to the rising incidence of chromosomal abnormalities and increasing initiatives by companies to provide advanced equipment to diagnostic laboratories.

North America commanded the largest share of the global market in 2016. Asia is expected to grow at the highest CAGR during the forecast period. The high growth in the Asian market is attributed to increasing disposable income, rising healthcare infrastructure, rising awareness programs and conferences, and increasing focus of market players in this region. Some prominent markets in Asia include China, India, and Japan.

Research Coverage:

This market is categorized on the basis of product, method, application, end user, and region. Apart from comprehensive geographical analysis, product analysis, and market sizing, the report also provides a competitive landscape that covers growth strategies adopted by industry players in the last three years. In addition, the company profiles comprise basic views on the key players and their product portfolios, developments, and strategies adopted. The above mentioned market research data, current market sizes, and forecast of future trends will help key players and new entrants make informed decisions regarding product offerings, geographical focus, changes in strategic approach, R&D investments for innovations in products and technologies, and levels of output to remain successful.

Reasons to Buy the Report:

The report will enrich both established firms as well as new entrants/smaller firms to gauge the pulse of the market and garner greater market shares. Firms purchasing the report can use any one or a combination of the below-mentioned five strategies for strengthening their market shares.

The report provides insights on the following pointers:
- Market Penetration: Comprehensive information on the product portfolios of top players in the NIPT market. The report analyzes the non-invasive prenatal testing market by product, method, application, end user, and region.
- Product Development/Innovation: Detailed insights on upcoming technologies, R&D activities, and product launches in the NIPT market.
- Competitive Assessment: In-depth assessment of market strategies, geographical and business segments, and product portfolios of the leading players in the NIPT market.
- Market Development: Comprehensive information about lucrative emerging markets. The report analyzes the market for NIPT across geographies.
- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the NIPT market.

Contents:
1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
      1.3.1 Markets Covered
      1.3.2 Years Considered for the Study
   1.4 Currency
   1.5 Limitations
   1.6 Stakeholders

2 Research Methodology
   2.1 Market Size Estimation
   2.2 Market Breakdown And Data Triangulation
   2.3 Assumptions for the Study

3 Executive Summary

4 Premium Insights
   4.1 Non-Invasive Prenatal Testing: Market Overview
   4.2 Non-Invasive Prenatal Testing Consumables Market Size, By Type, 2016 Vs. 2021 (USD Million)
   4.3 Non-Invasive Prenatal Testing Instruments Market Size, By Type, 2016 Vs. 2021 (USD Million)
   4.5 Non-Invasive Prenatal Testing Market, By Application (2016-2021)
   4.6 Non-Invasive Prenatal Testing Market Size, By End User, 2016 Vs. 2021 (USD Million)
   4.7 Geographic Snapshot: Non-Invasive Prenatal Testing Market (2016-2021)

5 Market Overview
   5.1 Introduction
      5.1.1 Drivers
         5.1.1.1 High Risk of Chromosomal Abnormalities With Increasing Maternal Age
         5.1.1.2 Growing Preference for Non-Invasive Techniques Over Invasive Methods
         5.1.1.3 Launch of New And Advanced Products
         5.1.1.4 Improving Reimbursement Scenario for Nipt
         5.1.1.5 Programs Focusing On Increasing the Awareness of Nipt
      5.1.2 Restraint
         5.1.2.1 Lack of Skilled Professionals
      5.1.3 Opportunity
         5.1.3.1 Untapped Emerging Markets
      5.1.4 Challenge
         5.1.4.1 Reliability of Test Results Especially in Obese Women

6 Non-Invasive Prenatal Testing Market, By Product
   6.1 Introduction
   6.2 Consumables
      6.2.1 Assay Kits & Reagents
      6.2.2 Disposables
   6.3 Instruments
      6.3.1 Ultrasound Devices
      6.3.2 Next-Generation Sequencing Systems
      6.3.3 Polymerase Chain Reaction Instruments
6.3.4 Microarrays
6.3.5 Other Instruments

7 Non-Invasive Prenatal Testing Market, By Method
7.1 Introduction
7.2 Ultrasound Detection
7.3 Biochemical Screening Tests
7.4 Cell-Free DNA in Maternal Plasma Tests
7.5 Fetal Cells in Maternal Blood Tests

8 Non-Invasive Prenatal Testing Market, By Application
8.1 Introduction
8.2 Trisomy
8.3 Microdeletion Syndrome
8.4 Other Applications

9 Non-Invasive Prenatal Testing Market, By End User
9.1 Introduction
9.2 Diagnostic Laboratories
9.3 Hospitals

10 Non-Invasive Prenatal Testing Market, By Region
10.1 Introduction
10.2 North America
10.2.1 U.S.
10.2.2 Canada
10.3 Europe
10.3.1 Germany
10.3.2 France
10.3.3 U.K.
10.3.4 Rest of Europe (RoE)
10.4 Asia
10.5 Rest of the World (RoW)

11 Competitive Landscape
11.1 Overview
11.2 Market Analysis
11.3 Competitive Situation And Trends
11.3.1 Partnerships, Collaborations, & Agreements
11.3.2 Product Launches
11.3.3 Acquisitions
11.3.4 Expansions
11.3.5 Other Strategies

12 Company Profile
(Introduction, Products & Services, Strategy, & Analyst Insights, Developments, MNM View) -
12.1 Introduction
12.2 GE Healthcare (A Wholly Owned Subsidiary of General Electric Company)
12.3 Koninklijke Philips N.V.
12.4 Illumina, Inc.
12.5 Thermo Fisher Scientific, Inc.
12.6 F. Hoffman-La Roche Ltd.
12.7 Pacific Biosciences of California, Inc.
12.8 PerkinElmer, Inc.
12.9 Qiagen N.V.
12.10 Agilent Technologies, Inc.
12.11 Beijing Genomics Institute

13 Appendix
13.1 Insights from Industry Experts
13.2 Discussion Guide
13.3 Knowledge Store: Subscription Portal
13.4 Introducing Rt: Real-Time Market Intelligence
13.5 Available Customizations
13.6 Related Reports
13.7 Author Details

List of Tables:
Table 1 Incidence Rate of Trisomies
Table 2 Risk of Down Syndrome With Increasing Maternal Age
Table 3 Comparison of Non-Invasive And Invasive Prenatal Testing
Table 4 Nipt Reimbursement Scenario, By Country
Table 5 Public Healthcare Expenditure (% of Gdp)
Table 6 Global Non-Invasive Prenatal Testing Market Size, By Product, 2014-2021 (USD Million)
Table 7 Global Nipt Consumables Market Size, By Type, 2014-2021 (USD Million)
Table 8 Global Nipt Consumables Market Size, By Region, 2014-2021 (USD Million)
Table 9 North America: Nipt Consumables Market Size, By Country, 2014-2021 (USD Million)
Table 10 Europe: Nipt Consumables Market Size, By Country, 2014-2021 (USD Million)
Table 11 Global Nipt Assay Kits And Reagents Market Size, By Region, 2014-2021 (USD Million)
Table 12 Global Nipt Disposables Market Size, By Region, 2014-2021 (USD Million)
Table 13 Global Nipt Instruments Market Size, By Type, 2014-2021 (USD Million)
Table 14 Global Nipt Instruments Market Size, By Region, 2014-2021 (USD Million)
Table 15 North America: Nipt Instruments Market Size, By Country, 2014-2021 (USD Million)
Table 16 Europe: Nipt Instruments Market Size, By Country, 2014-2021 (USD Million)
Table 17 Global Nipt Ultrasound Devices Market Size, By Region, 2014-2021 (USD Million)
Table 18 Global Nipt Next-Generation Sequencing Systems Market Size, By Region, 2014-2021 (USD Million)
Table 19 Global Nipt Pcr Instruments Market Size, By Region, 2014-2021 (USD Million)
Table 20 Global Nipt Microarrays Market Size, By Region, 2014-2021 (USD Million)
Table 21 Other Nipt Instruments Market Size, By Region, 2014-2021 (USD Million)
Table 22 Global Non-Invasive Prenatal Testing Market Size, By Method, 2014-2021 (USD Million)
Table 23 Global Non-Invasive Prenatal Testing Market Size for Ultrasound Detection, By Region, 2014-2021 (USD Million)
Table 26 Global Non-Invasive Prenatal Testing Market Size for Biochemical Screening Tests, By Region, 2014-2021 (USD Million)
Table 27 North America: Non-Invasive Prenatal Testing Market Size for Biochemical Screening Tests, By Region, 2014-2021 (USD Million)
Table 28 Europe: Non-Invasive Prenatal Testing Market Size for Biochemical Screening Tests, By Region, 2014-2021 (USD Million)
Table 29 Global Non-Invasive Prenatal Testing Market Size for Cfdna in Maternal Plasma Tests, By Region, 2014-2021 (USD Million)
Table 32 Global Non-Invasive Prenatal Testing Market Size for Fcmb Tests, By Region, 2014-2021 (USD Million)
Table 34 Europe: Non-Invasive Prenatal Testing Market Size for Fcmb Tests, By Country, 2014-2021 (USD Million)
Table 35 Non-Invasive Prenatal Testing Market Size, By Application, 2014-2021 (USD Million)
Table 36 Non-Invasive Prenatal Testing Market Size for Trisomy, By Region, 2014-2021 (USD Million)
Table 37 North America: Non-Invasive Prenatal Testing Market Size for Trisomy, By Region, 2014-2021 (USD Million)
Table 38 Europe: Non-Invasive Prenatal Testing Market Size for Trisomy, By Country, 2014-2021 (USD Million)
Table 39 Non-Invasive Prenatal Testing Market Size for Microdeletion Syndrome, By Region, 2014-2021 (USD Million)
Table 40 North America: Non-Invasive Prenatal Testing Market Size for Microdeletion Syndrome, By Country, 2014-2021 (USD Million)
Table 41 Europe: Non-Invasive Prenatal Testing Market Size Microdeletion Syndrome, By Country, 2014-2021
Table 94 Asia: Non-Invasive Prenatal Testing Market Size, By Method, 2014-2021 (USD Million)
Table 95 Asia: Non-Invasive Prenatal Testing Market Size, By Application, 2014-2021 (USD Million)
Table 96 Asia: Non-Invasive Prenatal Testing Market Size, By End User, 2014-2021 (USD Million)
Table 97 Row: Non-Invasive Prenatal Testing Market Size, By Product, 2014-2021 (USD Million)
Table 98 Row: Non-Invasive Prenatal Testing Consumables Market Size, By Type, 2014-2021 (USD Million)
Table 99 Row: Non-Invasive Prenatal Testing Instruments Market Size, By Type, 2014-2021 (USD Million)
Table 100 Row: Non-Invasive Prenatal Testing Market Size, By Method, 2014-2021 (USD Million)
Table 101 Row: Non-Invasive Prenatal Testing Market Size, By Application, 2014-2021 (USD Million)
Table 102 Row: Non-Invasive Prenatal Testing Market Size, By End User, 2014-2021 (USD Million)
Table 103 Non-Invasive Prenatal Testing Market Ranking, By Key Player, 2015
Table 104 Partnerships, Collaborations, & Agreements (2014-2017)
Table 105 Product Launches (2014-2017)
Table 106 Acquisitions (2014-2017)
Table 107 Expansions (2014-2017)
Table 108 Other Strategies (2014-2017)
Table 109 Exchange Rate (Used for the Conversion of Euro to USD)
Table 110 Exchange Rate (Used for the Conversion of Chf to USD)

List of Figures:
Figure 1 Non-Invasive Prenatal Testing Market Segmentation
Figure 2 Research Design
Figure 3 Market Size Estimation: Bottom-Up Approach
Figure 4 Market Size Estimation: Top-Down Approach
Figure 5 Breakdown of Primary Interviews: By Company Type, Designation, And Region
Figure 6 Data Triangulation Methodology
Figure 7 Key Data from Secondary Sources
Figure 8 Key Data from Primary Sources
Figure 9 Non-Invasive Prenatal Testing Market, By Method, 2016 Vs. 2021 (USD Million)
Figure 10 Non-Invasive Prenatal Testing Market, By Product, 2016 Vs. 2021 (USD Million)
Figure 11 Non-Invasive Prenatal Testing Market, By Application, 2016 Vs. 2021 (USD Million)
Figure 12 Non-Invasive Prenatal Testing Market, By End User, 2016 Vs. 2021 (USD Million)
Figure 13 North America Dominated the Global Non-Invasive Prenatal Testing Market in 2016
Figure 14 High Risk of Chromosomal Abnormality Associated With Increasing Maternal Age is Driving the Market Growth for Non-Invasive Prenatal Testing
Figure 15 Assay Kits & Reagents Dominated the Non-Invasive Prenatal Testing Consumables Market in 2016
Figure 16 Ngs Systems to Register the Highest CAGR in the Non-Invasive Prenatal Testing Instruments Market from 2016 to 2021
Figure 17 Ultrasound Detection Commanded the Largest Share of the Non-Invasive Prenatal Testing Market in 2016
Figure 18 Trisomy Was the Largest Application Segment in the Non-Invasive Prenatal Testing Market in 2016
Figure 19 Diagnostic Laboratories Dominated the Non-Invasive Prenatal Testing Market in 2016
Figure 20 Asia to Register the Highest Growth During the Forecast Period
Figure 21 Nipt Market: Drivers, Restraints, Opportunities, And Challenges
Figure 22 Non-Invasive Prenatal Testing Market Segmentation, By Product
Figure 23 Consumables to Dominate the Market During the Forecast Period
Figure 24 CfDNA in Maternal Plasma Tests to Grow at the Highest CAGR During the Forecast Period
Figure 25 North America to Dominate the Market During Forecast Period
Figure 26 Asia to Witness Highest Growth in the Biochemical Screening Tests Market During 2016-2021
Figure 27 Asia to Witness Highest Growth During the Forecast Period
Figure 28 North America to Dominate the FcmB Tests Market During the Forecast Period
Figure 29 Trisomy to Dominate the Nipt Market, By Application, During the Forecast Period
Figure 30 Diagnostic Laboratories Dominated the Non-Invasive Prenatal Testing End-User Market in 2016
Figure 31 North America to Dominate the Non-Invasive Prenatal Testing Market During the Forecast Period
Figure 32 North America: Non-Invasive Prenatal Testing Market Snapshot
Figure 33 Europe: Non-Invasive Prenatal Testing Market Snapshot
Figure 34 Asia: Non-Invasive Prenatal Testing Market Snapshot
Figure 35 Row: Non-Invasive Prenatal Testing Market Snapshot
Figure 36 Key Players Adopted Organic As Well As Inorganic Growth Strategies Between 2014 And 2016
Figure 37 Market Evolution Framework
Figure 38 Battle for Market Share: Agreements, Collaborations, And Partnerships Was the Key Strategy Adopted By Market Players
Figure 39 Product Mix of the Top Players in the Nipt Market
Figure 40 General Electric Company: Company Snapshot (2015)
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