

Non-invasive Prenatal Test (NIPT) Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Product Type

<https://marketpublishers.com/r/NDBA60A4BA14EN.html>

Date: October 2025

Pages: 89

Price: US\$ 3,200.00 (Single User License)

ID: NDBA60A4BA14EN

Abstracts

Non-invasive Prenatal Test (NIPT) Market Summary

The non-invasive prenatal test (NIPT) market embodies a transformative leap in reproductive medicine, offering a blood-based screening method that analyzes cell-free fetal DNA (cfDNA) circulating in maternal plasma to detect chromosomal abnormalities with high sensitivity and specificity. Unlike invasive procedures such as amniocentesis or chorionic villus sampling, which carry a small miscarriage risk of approximately 0.1–0.5%, NIPT poses no procedural hazards to the fetus, making it a safer alternative for early risk assessment during the first trimester. This technology primarily targets common aneuploidies like trisomy 21 (Down syndrome), trisomy 18 (Edwards syndrome), and trisomy 13 (Patau syndrome), while also extending to sex chromosome anomalies and microdeletions in advanced panels. Recommended for women aged 35 and older, those with high-risk first-trimester screening results, or histories of affected pregnancies, NIPT democratizes access to genetic insights, empowering informed decision-making and reducing unnecessary invasive follow-ups. The assay's reliance on next-generation sequencing (NGS) or microarray platforms enables quantitative analysis of fetal fractions as low as 4%, with turnaround times of 7–10 days, aligning with the growing emphasis on personalized obstetrics. As fertility rates decline and maternal age rises globally, NIPT integrates into routine prenatal care pathways, supported by professional guidelines from bodies like the American College of Obstetricians and Gynecologists. Innovations in single-gene NIPT (sgNIPT) further expand its scope to recessive disorders, bypassing the need for paternal samples and addressing detection gaps in carrier screening. By 2025, the global NIPT market is

estimated to reach USD 1.2–2.4 billion, propelled by broadening indications and reimbursement expansions. Projections suggest a compound annual growth rate (CAGR) of 7.2%–12.2% through 2030, reflecting heightened awareness, technological refinements, and integration with digital health ecosystems, though moderated by equity concerns in access.

Regional Market Trends

North America sustains its leadership in the NIPT ecosystem, dominated by the United States, where robust insurance coverage under the Affordable Care Act and private payers covers up to 90% of eligible pregnancies, driving widespread adoption in urban and suburban clinics. The U.S. benefits from dense networks of certified labs and rapid FDA clearances for expanded panels, with California and New York emerging as epicenters for high-volume screening amid diverse demographics. Growth is projected at a CAGR of 6.0%–10.0% through 2030, fueled by state-mandated counseling programs and rising advanced maternal age, yet challenged by disparities in rural Medicaid access. Canada complements this through provincial health integrations, emphasizing equity in Indigenous communities via tele-genetics, though wait times for confirmatory testing persist in remote provinces like Nunavut.

Europe charts a harmonized yet varied trajectory, with an estimated CAGR of 5.5%–9.5% through 2030, underpinned by the European Society of Human Genetics endorsements for first-line screening. Germany leads with its precision medicine initiatives, incorporating NIPT into statutory health insurance for high-risk groups, while the United Kingdom's NHS pilots nationwide rollout to alleviate invasive procedure backlogs. France and Italy contribute through public reimbursement models that prioritize cost-effectiveness, with Mediterranean fertility clinics adopting sgNIPT for thalassemia hotspots. Pricing controls via health technology assessments temper acceleration, but EU-wide data-sharing consortia accelerate validation studies. Eastern European nations like Poland witness accelerating uptake via EU cohesion funds for lab infrastructure, bridging gaps in post-communist healthcare systems.

The Asia-Pacific region surges as a dynamism hub, forecasting a CAGR of 8.5%–13.0% through 2030, emblematic of its demographic boom and policy shifts. China propels momentum through the Healthy China 2030 blueprint, subsidizing NIPT in tiered cities like Beijing for one-child policy legacies, with domestic NGS firms scaling production. Japan and South Korea embody

maturity, with national insurance expansions covering all pregnancies amid low birth rates, focusing on advanced age cohorts. India ascends rapidly, with private chains in Mumbai and Bangalore offering affordable panels to urban middle-class families, though rural awareness campaigns lag. Australia's Therapeutic Goods Administration fast-tracks approvals, while Southeast Asian countries like Thailand leverage medical tourism for premium genetic counseling packages.

Latin America exhibits resilient progression, with a CAGR of 6.5%–11.0% through 2030, anchored by Brazil's unified health system (SUS) that pilots NIPT in São Paulo's public maternities to curb Down syndrome births. Mexico harnesses USMCA trade for reagent imports, empowering private labs in Mexico City for bilingual services targeting migrant populations. Affordability hurdles in Andean nations like Peru are easing via pan-Latin partnerships, with Argentina advancing sgNIPT for cystic fibrosis in diverse ethnic groups, fostering incremental penetration in elective screenings.

The Middle East and Africa (MEA) represent nascent yet promising frontiers, projected at a CAGR of 5.0%–9.0% through 2030, with the United Arab Emirates and Saudi Arabia vanguard via Vision 2030's fertility investments. Dubai's international clinics integrate NIPT with IVF cycles for expatriates, supported by HAAD accreditations. South Africa's private-public hybrids in Johannesburg target HIV-cohort pregnancies, while sub-Saharan expansions in Nigeria contend with logistics but gain from WHO maternal health grants, emphasizing community education for cultural acceptance.

Type Analysis

The NIPT market segments into traditional NIPT and sgNIPT, each addressing distinct genetic risk profiles with evolving methodologies to enhance detection granularity and clinical utility.

Traditional NIPT: Centering on aneuploidy screening via shotgun or targeted NGS of cfDNA, this type quantifies chromosome copy number variations with >99% sensitivity for trisomies 21, 18, and 13, often bundled with sex determination. Its strengths lie in broad accessibility and low false-positive rates (0.1–0.3%), but limitations emerge in low fetal fractions (

Contents

CHAPTER 1 EXECUTIVE SUMMARY

CHAPTER 2 ABBREVIATION AND ACRONYMS

CHAPTER 3 PREFACE

3.1 Research Scope

3.2 Research Sources

3.2.1 Data Sources

3.2.2 Assumptions

3.3 Research Method

Chapter Four Market Landscape

4.1 Market Overview

4.2 Classification/Types

4.3 Application/End Users

CHAPTER 5 MARKET TREND ANALYSIS

5.1 Introduction

5.2 Drivers

5.3 Restraints

5.4 Opportunities

5.5 Threats

CHAPTER 6 INDUSTRY CHAIN ANALYSIS

6.1 Upstream/Suppliers Analysis

6.2 Non-invasive Prenatal Test (NIPT) Analysis

6.2.1 Technology Analysis

6.2.2 Cost Analysis

6.2.3 Market Channel Analysis

6.3 Downstream Buyers/End Users

CHAPTER 7 LATEST MARKET DYNAMICS

7.1 Latest News

7.2 Merger and Acquisition

- 7.3 Planned/Future Project
- 7.4 Policy Dynamics

CHAPTER 8 HISTORICAL AND FORECAST NON-INVASIVE PRENATAL TEST (NIPT) MARKET IN NORTH AMERICA (2020-2030)

- 8.1 Non-invasive Prenatal Test (NIPT) Market Size
- 8.2 Non-invasive Prenatal Test (NIPT) Market by End Use
- 8.3 Competition by Players/Suppliers
- 8.4 Non-invasive Prenatal Test (NIPT) Market Size by Type
- 8.5 Key Countries Analysis
 - 8.5.1 United States
 - 8.5.2 Canada
 - 8.5.3 Mexico

CHAPTER 9 HISTORICAL AND FORECAST NON-INVASIVE PRENATAL TEST (NIPT) MARKET IN SOUTH AMERICA (2020-2030)

- 9.1 Non-invasive Prenatal Test (NIPT) Market Size
- 9.2 Non-invasive Prenatal Test (NIPT) Market by End Use
- 9.3 Competition by Players/Suppliers
- 9.4 Non-invasive Prenatal Test (NIPT) Market Size by Type
- 9.5 Key Countries Analysis

CHAPTER 10 HISTORICAL AND FORECAST NON-INVASIVE PRENATAL TEST (NIPT) MARKET IN ASIA & PACIFIC (2020-2030)

- 10.1 Non-invasive Prenatal Test (NIPT) Market Size
- 10.2 Non-invasive Prenatal Test (NIPT) Market by End Use
- 10.3 Competition by Players/Suppliers
- 10.4 Non-invasive Prenatal Test (NIPT) Market Size by Type
- 10.5 Key Countries Analysis
 - 10.5.1 China
 - 10.5.2 India
 - 10.5.3 Japan
 - 10.5.4 South Korea
 - 10.5.5 Southeast Asia
 - 10.5.6 Australia & New Zealand

CHAPTER 11 HISTORICAL AND FORECAST NON-INVASIVE PRENATAL TEST (NIPT) MARKET IN EUROPE (2020-2030)

- 11.1 Non-invasive Prenatal Test (NIPT) Market Size
- 11.2 Non-invasive Prenatal Test (NIPT) Market by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Non-invasive Prenatal Test (NIPT) Market Size by Type
- 11.5 Key Countries Analysis
 - 11.5.1 Germany
 - 11.5.2 France
 - 11.5.3 United Kingdom
 - 11.5.4 Italy
 - 11.5.5 Spain
 - 11.5.6 Belgium
 - 11.5.7 Netherlands
 - 11.5.8 Austria
 - 11.5.9 Poland
 - 11.5.10 Northern Europe

CHAPTER 12 HISTORICAL AND FORECAST NON-INVASIVE PRENATAL TEST (NIPT) MARKET IN MEA (2020-2030)

- 12.1 Non-invasive Prenatal Test (NIPT) Market Size
- 12.2 Non-invasive Prenatal Test (NIPT) Market by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Non-invasive Prenatal Test (NIPT) Market Size by Type
- 12.5 Key Countries Analysis

CHAPTER 13 SUMMARY FOR GLOBAL NON-INVASIVE PRENATAL TEST (NIPT) MARKET (2020-2025)

- 13.1 Non-invasive Prenatal Test (NIPT) Market Size
- 13.2 Non-invasive Prenatal Test (NIPT) Market by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Non-invasive Prenatal Test (NIPT) Market Size by Type

CHAPTER 14 GLOBAL NON-INVASIVE PRENATAL TEST (NIPT) MARKET FORECAST (2025-2030)

- 14.1 Non-invasive Prenatal Test (NIPT) Market Size Forecast
- 14.2 Non-invasive Prenatal Test (NIPT) Application Forecast
- 14.3 Competition by Players/Suppliers
- 14.4 Non-invasive Prenatal Test (NIPT) Type Forecast

CHAPTER 15 ANALYSIS OF GLOBAL KEY VENDORS

15.1 Illumina

15.1.1 Company Profile

15.1.2 Main Business and Non-invasive Prenatal Test (NIPT) Information

15.1.3 SWOT Analysis of Illumina

15.1.4 Illumina Non-invasive Prenatal Test (NIPT) Revenue, Gross Margin and Market Share (2020-2025)

15.3 Myriad Genetics Inc.

15.3.1 Company Profile

15.3.2 Main Business and Non-invasive Prenatal Test (NIPT) Information

15.3.3 SWOT Analysis of Myriad Genetics Inc.

15.3.4 Myriad Genetics Inc. Non-invasive Prenatal Test (NIPT) Revenue, Gross Margin and Market Share (2020-2025)

15.4 Natera

15.4.1 Company Profile

15.4.2 Main Business and Non-invasive Prenatal Test (NIPT) Information

15.4.3 SWOT Analysis of Natera

15.4.4 Natera Non-invasive Prenatal Test (NIPT) Revenue, Gross Margin and Market Share (2020-2025)

15.5 Quest Diagnostics Incorporated

15.5.1 Company Profile

15.5.2 Main Business and Non-invasive Prenatal Test (NIPT) Information

15.5.3 SWOT Analysis of Quest Diagnostics Incorporated

15.5.4 Quest Diagnostics Incorporated Non-invasive Prenatal Test (NIPT) Revenue, Gross Margin and Market Share (2020-2025)

15.6 BillionToOne

15.6.1 Company Profile

15.6.2 Main Business and Non-invasive Prenatal Test (NIPT) Information

15.6.3 SWOT Analysis of BillionToOne

15.6.4 BillionToOne Non-invasive Prenatal Test (NIPT) Revenue, Gross Margin and Market Share (2020-2025)

Please ask for sample pages for full companies list

Tables & Figures

TABLES AND FIGURES

Table Abbreviation and Acronyms

Table Research Scope of Non-invasive Prenatal Test (NIPT) Report

Table Data Sources of Non-invasive Prenatal Test (NIPT) Report

Table Major Assumptions of Non-invasive Prenatal Test (NIPT) Report

Figure Market Size Estimated Method

Figure Major Forecasting Factors

Figure Non-invasive Prenatal Test (NIPT) Picture

Table Non-invasive Prenatal Test (NIPT) Classification

Table Non-invasive Prenatal Test (NIPT) Applications

Table Drivers of Non-invasive Prenatal Test (NIPT) Market

Table Restraints of Non-invasive Prenatal Test (NIPT) Market

Table Opportunities of Non-invasive Prenatal Test (NIPT) Market

Table Threats of Non-invasive Prenatal Test (NIPT) Market

Table COVID-19 Impact for Non-invasive Prenatal Test (NIPT) Market

Table Raw Materials Suppliers

Table Different Production Methods of Non-invasive Prenatal Test (NIPT)

Table Cost Structure Analysis of Non-invasive Prenatal Test (NIPT)

Table Key End Users

Table Latest News of Non-invasive Prenatal Test (NIPT) Market

Table Merger and Acquisition

Table Planned/Future Project of Non-invasive Prenatal Test (NIPT) Market

Table Policy of Non-invasive Prenatal Test (NIPT) Market

Table 2020-2030 North America Non-invasive Prenatal Test (NIPT) Market Size

Figure 2020-2030 North America Non-invasive Prenatal Test (NIPT) Market Size and CAGR

Table 2020-2030 North America Non-invasive Prenatal Test (NIPT) Market Size by Application

Table 2020-2025 North America Non-invasive Prenatal Test (NIPT) Key Players Revenue

Table 2020-2025 North America Non-invasive Prenatal Test (NIPT) Key Players Market Share

Table 2020-2030 North America Non-invasive Prenatal Test (NIPT) Market Size by Type

Table 2020-2030 United States Non-invasive Prenatal Test (NIPT) Market Size

Table 2020-2030 Canada Non-invasive Prenatal Test (NIPT) Market Size

Table 2020-2030 Mexico Non-invasive Prenatal Test (NIPT) Market Size
Table 2020-2030 South America Non-invasive Prenatal Test (NIPT) Market Size
Figure 2020-2030 South America Non-invasive Prenatal Test (NIPT) Market Size and CAGR
Table 2020-2030 South America Non-invasive Prenatal Test (NIPT) Market Size by Application
Table 2020-2025 South America Non-invasive Prenatal Test (NIPT) Key Players Revenue
Table 2020-2025 South America Non-invasive Prenatal Test (NIPT) Key Players Market Share
Table 2020-2030 South America Non-invasive Prenatal Test (NIPT) Market Size by Type
Table 2020-2030 Asia & Pacific Non-invasive Prenatal Test (NIPT) Market Size
Figure 2020-2030 Asia & Pacific Non-invasive Prenatal Test (NIPT) Market Size and CAGR
Table 2020-2030 Asia & Pacific Non-invasive Prenatal Test (NIPT) Market Size by Application
Table 2020-2025 Asia & Pacific Non-invasive Prenatal Test (NIPT) Key Players Revenue
Table 2020-2025 Asia & Pacific Non-invasive Prenatal Test (NIPT) Key Players Market Share
Table 2020-2030 Asia & Pacific Non-invasive Prenatal Test (NIPT) Market Size by Type
Table 2020-2030 China Non-invasive Prenatal Test (NIPT) Market Size
Table 2020-2030 India Non-invasive Prenatal Test (NIPT) Market Size
Table 2020-2030 Japan Non-invasive Prenatal Test (NIPT) Market Size
Table 2020-2030 South Korea Non-invasive Prenatal Test (NIPT) Market Size
Table 2020-2030 Southeast Asia Non-invasive Prenatal Test (NIPT) Market Size
Table 2020-2030 Australia & New Zealand Non-invasive Prenatal Test (NIPT) Market Size
Table 2020-2030 Europe Non-invasive Prenatal Test (NIPT) Market Size
Figure 2020-2030 Europe Non-invasive Prenatal Test (NIPT) Market Size and CAGR
Table 2020-2030 Europe Non-invasive Prenatal Test (NIPT) Market Size by Application
Table 2020-2025 Europe Non-invasive Prenatal Test (NIPT) Key Players Revenue
Table 2020-2025 Europe Non-invasive Prenatal Test (NIPT) Key Players Market Share
Table 2020-2030 Europe Non-invasive Prenatal Test (NIPT) Market Size by Type
Table 2020-2030 Germany Non-invasive Prenatal Test (NIPT) Market Size
Table 2020-2030 France Non-invasive Prenatal Test (NIPT) Market Size
Table 2020-2030 United Kingdom Non-invasive Prenatal Test (NIPT) Market Size
Table 2020-2030 Italy Non-invasive Prenatal Test (NIPT) Market Size

Table 2020-2030 Spain Non-invasive Prenatal Test (NIPT) Market Size

Table 2020-2030 Belgium Non-invasive Prenatal Test (NIPT) Market Size

Table 2020-2030 Netherlands Non-invasive Prenatal Test (NIPT) Market Size

Table 2020-2030 Austria Non-invasive Prenatal Test (NIPT) Market Size

Table 2020-2030 Poland Non-invasive Prenatal Test (NIPT) Market Size

Table 2020-2030 Northern Europe Non-invasive Prenatal Test (NIPT) Market Size

Table 2020-2030 MEA Non-invasive Prenatal Test (NIPT) Market Size

Figure 2020-2030 MEA Non-invasive Prenatal Test (NIPT) Market Size and CAGR

Table 2020-2030 MEA Non-invasive Prenatal Test (NIPT) Market Size by Application

Table 2020-2025 MEA Non-invasive Prenatal Test (NIPT) Key Players Revenue

Table 2020-2025 MEA Non-invasive Prenatal Test (NIPT) Key Players Market Share

Table 2020-2030 MEA Non-invasive Prenatal Test (NIPT) Market Size by Type

Table 2020-2025 Global Non-invasive Prenatal Test (NIPT) Market Size by Region

Table 2020-2025 Global Non-invasive Prenatal Test (NIPT) Market Size Share by Region

Table 2020-2025 Global Non-invasive Prenatal Test (NIPT) Market Size by Application

Table 2020-2025 Global Non-invasive Prenatal Test (NIPT) Market Share by Application

Table 2020-2025 Global Non-invasive Prenatal Test (NIPT) Key Vendors Revenue

Figure 2020-2025 Global Non-invasive Prenatal Test (NIPT) Market Size and Growth Rate

Table 2020-2025 Global Non-invasive Prenatal Test (NIPT) Key Vendors Market Share

Table 2020-2025 Global Non-invasive Prenatal Test (NIPT) Market Size by Type

Table 2020-2025 Global Non-invasive Prenatal Test (NIPT) Market Share by Type

Table 2025-2030 Global Non-invasive Prenatal Test (NIPT) Market Size by Region

Table 2025-2030 Global Non-invasive Prenatal Test (NIPT) Market Size Share by Region

Table 2025-2030 Global Non-invasive Prenatal Test (NIPT) Market Size by Application

Table 2025-2030 Global Non-invasive Prenatal Test (NIPT) Market Share by Application

Table 2025-2030 Global Non-invasive Prenatal Test (NIPT) Key Vendors Revenue

Figure 2025-2030 Global Non-invasive Prenatal Test (NIPT) Market Size and Growth Rate

Table 2025-2030 Global Non-invasive Prenatal Test (NIPT) Key Vendors Market Share

Table 2025-2030 Global Non-invasive Prenatal Test (NIPT) Market Size by Type

Table 2025-2030 Non-invasive Prenatal Test (NIPT) Global Market Share by Type

Table Illumina Information

Table SWOT Analysis of Illumina

Table 2020-2025 Illumina Non-invasive Prenatal Test (NIPT) Revenue Gross Profit

Margin

Figure 2020-2025 Illumina Non-invasive Prenatal Test (NIPT) Revenue and Growth Rate

Figure 2020-2025 Illumina Non-invasive Prenatal Test (NIPT) Market Share

Table Laboratory Corporation of America Holdings (Labcorp) Information

Table SWOT Analysis of Laboratory Corporation of America Holdings (Labcorp)

Table 2020-2025 Laboratory Corporation of America Holdings (Labcorp) Non-invasive Prenatal Test (NIPT) Revenue Gross Profit Margin

Figure 2020-2025 Laboratory Corporation of America Holdings (Labcorp) Non-invasive Prenatal Test (NIPT) Revenue and Growth Rate

Figure 2020-2025 Laboratory Corporation of America Holdings (Labcorp) Non-invasive Prenatal Test (NIPT) Market Share

Table Myriad Genetics Inc. Information

Table SWOT Analysis of Myriad Genetics Inc.

Table 2020-2025 Myriad Genetics Inc. Non-invasive Prenatal Test (NIPT) Revenue Gross Profit Margin

Figure 2020-2025 Myriad Genetics Inc. Non-invasive Prenatal Test (NIPT) Revenue and Growth Rate

Figure 2020-2025 Myriad Genetics Inc. Non-invasive Prenatal Test (NIPT) Market Share

Table Natera Information

Table SWOT Analysis of Natera

Table 2020-2025 Natera Non-invasive Prenatal Test (NIPT) Revenue Gross Profit Margin

Figure 2020-2025 Natera Non-invasive Prenatal Test (NIPT) Revenue and Growth Rate

Figure 2020-2025 Natera Non-invasive Prenatal Test (NIPT) Market Share

Table Quest Diagnostics Incorporated Information

Table SWOT Analysis of Quest Diagnostics Incorporated

Table 2020-2025 Quest Diagnostics Incorporated Non-invasive Prenatal Test (NIPT) Revenue Gross Profit Margin

Figure 2020-2025 Quest Diagnostics Incorporated Non-invasive Prenatal Test (NIPT) Revenue and Growth Rate

Figure 2020-2025 Quest Diagnostics Incorporated Non-invasive Prenatal Test (NIPT) Market Share

Table BillionToOne Information

Table SWOT Analysis of BillionToOne

Table 2020-2025 BillionToOne Non-invasive Prenatal Test (NIPT) Revenue Gross Profit Margin

Figure 2020-2025 BillionToOne Non-invasive Prenatal Test (NIPT) Revenue and

Growth Rate

Figure 2020-2025 BillionToOne Non-invasive Prenatal Test (NIPT) Market Share

.....

I would like to order

Product name: Non-invasive Prenatal Test (NIPT) Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Product Type

Product link: <https://marketpublishers.com/r/NDBA60A4BA14EN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/NDBA60A4BA14EN.html>