

# **United States Non-Invasive Prenatal Testing (NIPT) Market Report 2025: Industry Size, Market Shares Data, Latest Trends, Insights, Growth Potential, CAGR Forecasts to 2033**

<https://marketpublishers.com/r/UD5A55E40067EN.html>

Date: October 2024

Pages: 160

Price: US\$ 2,999.00 (Single User License)

ID: UD5A55E40067EN

## **Abstracts**

### **United States Non-Invasive Prenatal Testing Market Size and Industry Growth Trends**

The non-invasive prenatal testing (NIPT) market in the United States has experienced remarkable growth over recent years, reflecting an increasing awareness and acceptance of advanced prenatal screening technologies. As of 2024, the U.S. NIPT market is estimated to be valued at approximately US\$ 1.1 billion. Such growth can be attributed to several factors, including the heightened focus on maternal and fetal health, technological advancements in testing methodologies, and an expanding range of conditions that can be screened through non-invasive means.

Market dynamics indicate a continued expansion in the NIPT sector, with forecasts suggesting that the market could reach approximately US\$ 2.8 billion by 2033 representing a compound annual growth rate (CAGR) of approximately 10.5% from 2025 – 2033. Several factors are driving this anticipated growth. First, the increasing prevalence of genetic disorders and chromosomal abnormalities among newborns has prompted healthcare providers to seek more reliable, safer testing options. NIPT offers a less invasive alternative to traditional methods, reducing the risk of complications associated with procedures such as amniocentesis.

Moreover, the adoption of NIPT is further legitimized by endorsements from various professional organizations, which have begun to recommend these tests as first-line screening options. As more healthcare practitioners become familiar with NIPT and its advantages, the integration of this testing into routine prenatal care is expected to

increase significantly. Technological innovations, including improvements in assay strategies and the validation of tests for additional conditions, are also anticipated to bolster market growth.

In summary, the non-invasive prenatal testing market in the United States is poised for ongoing expansion, driven by a combination of heightened demand for safer testing procedures, enhanced technological capabilities, and public health advocacy. The future appears promising for sector stakeholders, presenting numerous opportunities for further development and expansion.

### Latest Trends in the United States Non-Invasive Prenatal Testing Market

The non-invasive prenatal testing (NIPT) market has witnessed significant evolution over recent years, driven by technological advancements, emerging biomarkers, and shifting consumer preferences. One of the pivotal trends is the continuous enhancement of testing technology, which utilizes next-generation sequencing (NGS) to provide more accurate and comprehensive results. This precision allows healthcare providers to assess an increased range of chromosomal abnormalities, which has bolstered the adoption of NIPT among expectant parents. As the technology matures, we are observing a decline in false-positive rates, further solidifying NIPT as a preferred option for prenatal screening.

In addition to technological improvements, the introduction of new biomarkers has emerged as a critical trend. Researchers and companies in the NIPT sphere are increasingly identifying novel biomarkers that enhance the diagnostic accuracy of prenatal tests. By broadening the spectrum of conditions detectable through non-invasive methods, the market is better positioned to address varying maternal health needs and preferences. This encourages expectant parents to consider NIPT a viable alternative to traditional invasive methods.

These trends collectively illustrate a shifting paradigm in the NIPT market, making testing more accessible and reliable while catering to the growing demands of consumers. The ongoing advancements in technology and biomarker research, combined with the impact of telemedicine, are set to significantly influence prenatal testing practices in the years ahead.

### United States Non-Invasive Prenatal Testing Market Competitive Landscape

As of 2024, the Non-Invasive Prenatal Testing (NIPT) market in the United States has

been experiencing significant growth, driven by technological advancements and increasing demand for early and accurate prenatal screening methods. The primary players in this market include large biotechnology companies such as Illumina, Roche, and Natera, which have established themselves as leaders through robust research and development as well as a comprehensive portfolio of NIPT products. These companies dominate the landscape, capturing substantial shares and influencing market trends.

### Key Player's Profiles

Illumina, Inc.

Natera, Inc.

Quest Diagnostics

Myriad Genetics, Inc.

Centogene

GenPath

PerkinElmer

Yourgene Health

Invitae Corporation

Agilent Technologies

Ariosa Diagnostics (Roche)

Laboratory Corporation of America Holdings(Labcorp)

### Scope of the Report:

The market size of the non-invasive prenatal testing market in the United States with an eight-year forecast

Insights into the market determinants stimulating the market for non-invasive prenatal testing in the United States

The market size of the average risk non-invasive prenatal testing market in the United States with an eight year forecast

The market size of the high-risk non-invasive prenatal testing market in the United States with an eight year forecast

The report analyse the total number of non-invasive prenatal testing performed in the United States with eight year forecast

The report analyse the total number of average-risk non-invasive prenatal testing performed in the United States with eight year forecast

The report examine the total number of high-risk non-invasive prenatal testing performed in the United States with an eight year forecast

The report study market potential and opportunities for this innovation-driven non-invasive prenatal testing market in the United States with eight year forecast

The report contains in-depth analysis of average and high-risk potential non-invasive prenatal testing market in the United States with an eight year forecast

Thoroughly evaluate the overall potential number of non-invasive prenatal testing performed in the United States with an eight year forecast

The report explore average and high-risk potential number of the non-invasive prenatal testing performed in the United States with an eight year forecast

The report study regulatory framework of the United States non-invasive prenatal testing market

The report analyse reimbursement patterns of the United States non-invasive prenatal testing market

Tracks competitive developments, approaches, recent industry developments,

mergers & acquisitions, collaboration deals, partnership deals, distribution, exclusive, and licensing agreement

A Comprehensive list of key market players along with the analysis of their current nipt test portfolios, business overview, and latest development

### Key Questions Addressed by the Report

How is the United States non-invasive prenatal testing market evolving?

How much will this market be worth from 2025 to 2033?

How big is the United States non-invasive prenatal testing market?

How many non-invasive prenatal testing are being performed in the United States during 2019 – 2033?

What is the market size of the average risk non-invasive prenatal testing in the United States?

What is the market size of the high-risk non-invasive prenatal testing in the United States?

What is the key marketed non-invasive prenatal testing available in the United States?

What are the major drivers of the United States non-invasive prenatal testing market?

What are the major inhibitors of the United States non-invasive prenatal testing market?

What is the reimbursement pattern in the United States non-invasive prenatal testing market?

What is the regulatory framework in the United States non-invasive prenatal testing market?

What are the major deals and agreement happenings in the United States non-invasive prenatal testing market?

What companies offer non-invasive prenatal testing in the United States?

Who are the leading players and what are their prospects over the forecast period?

How is the market anticipated to develop in the future?

## Contents

### **1. INTRODUCTION**

### **2. RESEARCH METHODOLOGY**

### **3. EXECUTIVE SUMMARY**

### **4. UNITED STATES ACTUAL NON-INVASIVE PRENATAL TESTING VOLUME (NUMBER OF TESTS PERFORMED) AND FORECAST (2019 - 2033)**

4.1 Average Risk Actual NIPT Test Volume (Number of Tests Performed) and Forecast

4.2 High-Risk Actual NIPT Test Volume (Number of Tests Performed) and Forecast

### **5. UNITED STATES POTENTIAL NON-INVASIVE PRENATAL TESTING VOLUME (NUMBER OF TESTS PERFORMED) AND FORECAST (2019 - 2031)**

5.1 Average Risk Potential NIPT Test Volume (Number of Tests Performed) and Forecast

5.2 High-Risk Potential NIPT Test Volume (Number of Tests Performed) and Forecast

### **6. UNITED STATES ACTUAL NON-INVASIVE PRENATAL TESTING MARKET SIZE AND FORECAST (2019 - 2033)**

6.1 Average Risk Actual NIPT Test Market Size and Forecast

6.2 High-Risk Actual NIPT Test Market Size and Forecast

### **7. UNITED STATES POTENTIAL NON-INVASIVE PRENATAL TESTING MARKET SIZE AND FORECAST (2019 - 2033)**

7.1 Average Risk Potential NIPT Test Market Size and Forecast

7.2 High-Risk Potential NIPT Test Market Size and Forecast

### **8. UNITED STATES NON-INVASIVE PRENATAL TESTING MARKET GROWTH DRIVERS AND CHALLENGES**

8.1 Key Market Growth Drivers

8.2 Key Market Challenges

## **9. NON-INVASIVE PRENATAL TESTING COMPARATIVE ANALYSIS**

## **10. REIMBURSEMENT ENVIRONMENT OF THE UNITED STATES NON-INVASIVE PRENATAL TESTING**

## **11. REGULATION FRAMEWORK OF THE UNITED STATES NON-INVASIVE PRENATAL TESTING**

## **12. MAJOR DEALS AND AGREEMENTS IN THE NON-INVASIVE PRENATAL TESTING MARKET**

- 12.1 Collaboration Deals
- 12.2 Venture Capital Investment
- 12.3 Mergers and Acquisitions
- 12.4 Exclusive Agreement
- 12.5 Licensing Agreement
- 12.6 Distribution Agreement
- 12.7 Partnership Deals

## **13. KEY COMPANIES ANALYSIS**

- 13.1 Laboratory Corporation of America Holdings
  - 13.1.1 Business Overview
  - 13.1.2 Product Outlook
  - 13.1.3 Key Developments
- 13.2 Yourgene Health
  - 13.2.1 Business Overview
  - 13.2.2 Product Outlook
  - 13.2.3 Key Developments
- 13.3 Ariosa Diagnostics (Roche)
  - 13.3.1 Business Overview
  - 13.3.2 Product Outlook
  - 13.3.3 Key Developments
- 13.4 Illumina, Inc.
  - 13.4.1 Business Overview
  - 13.4.2 Product Outlook
  - 13.4.3 Key Developments
- 13.5 Natera, Inc.
  - 13.5.1 Business Overview



- 13.5.2 Product Outlook
- 13.5.3 Key Developments
- 13.6 Quest Diagnostics
  - 13.6.1 Business Overview
  - 13.6.2 Product Outlook
  - 13.6.3 Key Developments
- 13.7 Myriad Genetics, Inc.
  - 13.7.1 Business Overview
  - 13.7.2 Product Outlook
  - 13.7.3 Key Developments
- 13.8 Centogene
  - 13.8.1 Business Overview
  - 13.8.2 Product Outlook
  - 13.8.3 Key Developments
- 13.9 Invitae Corporation
  - 13.9.1 Business Overview
  - 13.9.2 Product Outlook
  - 13.9.3 Key Developments
- 13.10 GenPath
  - 13.10.1 Business Overview
  - 13.10.2 Product Outlook
  - 13.10.3 Key Developments
- 13.11 PerkinElmer
  - 13.11.1 Business Overview
  - 13.11.2 Product Outlook
  - 13.11.3 Key Developments
- 13.12 Agilent Technologies
  - 13.12.1 Business Overview
  - 13.12.2 Product Outlook
  - 13.12.3 Key Developments

## **14. APPENDIX**

- 14.1 About DPI Research
- 14.2 Glossary of Terms

## List Of Figures

### LIST OF FIGURES:

Figure 2-1: United States Actual NIPT Test Volume (Thousand),2019 – 2024

Figure 2-2: United States Actual NIPT Test Volume Forecast (Thousand),2025 – 2033

Figure 2-3: United States Average Risk Actual NIPT Test Volume (Thousand),2019 – 2024

Figure 2-4: United States Average Risk Actual NIPT Test Volume Forecast (Thousand),2025 – 2033

Figure 2-5: United States High-Risk Actual NIPT Test Volume (Thousand),2019 – 2024

Figure 2-6: United States High-Risk Actual NIPT Test Volume Forecast (Thousand),2025 – 2033

Figure 3-1: United States Potential NIPT Test Volume (Thousand),2019 – 2024

Figure 3-2: United States Potential NIPT Test Volume Forecast (Thousand),2025 – 2033

Figure 3-3: United States Average Risk Potential NIPT Test Volume (Thousand),2019 – 2024

Figure 3-4: United States Average Risk Potential NIPT Test Volume Forecast (Thousand),2025 – 2033

Figure 3-5: United States High-Risk Potential NIPT Test Volume (Thousand),2019 – 2024

Figure 3-6: United States High-Risk Potential NIPT Test Volume Forecast (Thousand),2025 – 2033

Figure 4-1: United States Actual NIPT Test Market Size (Million US\$),2019 – 2024

Figure 4-2: United States Actual NIPT Test Market Size Forecast (Million US\$),2025 – 2033

Figure 4-3: United States Average Risk Actual NIPT Test Market Size (Million US\$),2019 – 2024

Figure 4-4: United States Average Risk Actual NIPT Test Market Size Forecast (Million US\$),2025 – 2033

Figure 4-5: United States High-Risk Actual NIPT Test Market Size (Million US\$),2019 – 2024

Figure 4-6: United States High-Risk Actual NIPT Test Market Size Forecast (Million US\$),2025 – 2033

Figure 5-1: United States Potential NIPT Test Market Size (Million US\$),2019 – 2024

Figure 5-2: United States Potential NIPT Test Market Size Forecast (Million US\$),2025 – 2033

Figure 5-3: United States Average Risk Potential NIPT Test Market Size (Million

US\$),2019 – 2024

Figure 5-4: United States Average Risk Potential NIPT Test Market Size Forecast  
(Million US\$),2025 – 2033

Figure 5-5: United States High-Risk Potential NIPT Test Market Size (Million US\$),2019  
– 2024

Figure 5-6: United States High-Risk Potential NIPT Test Market Size Forecast (Million  
US\$),2025 – 2033

## List Of Tables

### LIST OF TABLES:

Table 6-1: Maternal Age at Delivery and Risk of Down Syndrome
Table 7-1: Non-Invasive Prenatal Testing – Comparative Tests Analysis
Table 10-1: Collaboration Deals in the Non-Invasive Prenatal Testing Market
Table 10-2: Venture Capital Investment in the Non-Invasive Prenatal Testing Market
Table 10-3: Merger & Acquisition in the Non-Invasive Prenatal Testing Market
Table 10-4: Exclusive Agreement in the Non-Invasive Prenatal Testing Market
Table 10-5: Licensing Agreement in the Non-Invasive Prenatal Testing Market
Table 10-6: Distribution Agreement in the Non-Invasive Prenatal Testing Market
Table 10-7: Partnership Deals in the Non-Invasive Prenatal Testing Market

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