

# **Global Genomics Personalized Health Market Size study, by Technology (NGS Platform, RT-PCR, Microarray, Genetic Analyzer, Others), by Test Type (Oncology Testing, Infectious Disease Testing, Orphan Disease Testing, Autoimmune Disease Testing, Obstetrics Testing, Others), by End User (Academics & Research Institutes, Diagnostic Centers, Others) and Regional Forecasts 2022-2032**

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## **Abstracts**

Global Genomics Personalized Health Market is valued approximately at USD 9.17 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 12.23% over the forecast period 2024-2032. Genomic personalized health represents a transformative approach to medical treatment, utilizing genetic information to tailor therapies and interventions to individual patients. This sophisticated methodology enables the identification of complex conditions and facilitates the development of specialized treatments and therapies based on genetic profiling. By integrating genomic data into healthcare, traditional medications that may be ineffective or have adverse effects on specific patient groups can be avoided, thereby enhancing treatment efficacy and patient safety.

The Global Genomics Personalized Health Market is driven by increasing demand for early diagnosis and the surge in investments in research and development activities. The early diagnosis of diseases through genetic profiling allows for timely and more effective intervention, significantly improving patient outcomes. Moreover, substantial investments in R&D are fostering innovations in genomics technologies, which are essential for the advancement of personalized health solutions. In addition, increasing

focus on personalized medicine, coupled with the rapid advancements in genomic technologies, positions the genomics personalized health market for substantial growth. As healthcare providers and institutions continue to adopt these advanced systems, the market is expected to expand significantly, offering improved healthcare outcomes through tailored medical interventions. However, lack of skilled professionals is going to impede the overall demand for the market during the forecast period 2024-2032.

The key regions considered for the Global Genomics Personalized Health Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, North America dominated the market driven by elevated healthcare expenditure, heightened awareness, and the growing demand for personalized medicine. The region's robust market dynamics are further propelled by advancements in genomics technologies, the presence of major pharmaceutical companies and research organizations, and the high prevalence of chronic diseases. These factors collectively strengthen North America's leading position in the genomics personalized health market. Furthermore, the market in Asia Pacific is anticipated to develop at the fastest rate over the forecast period 2024-2032.

Major market players included in this report are:

QIAGEN

Illumina, Inc.

Thermo Fisher Scientific, Inc.

Bio-Rad Laboratories, Inc.

Hoffmann-La Roche AG

Lonza Group

Invitae Corp

Genetic Technologies Limited

Interleukin Genetics Inc.

Eastern Biotech and Life Sciences

DNA Genotek Inc.

uBiome, Inc.

XCode Life Sciences Private Limited

The detailed segments and sub-segment of the market are explained below:

#### By Technology

NGS Platform

RT-PCR

Microarray

Genetic Analyzer

Others

#### By Test Type

Oncology Testing

Infectious Disease Testing

Orphan Disease Testing

Autoimmune Disease Testing

Obstetrics Testing

Others

#### By End User

Academics & Research Institutes

Diagnostic Centers

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

## Contents

### **CHAPTER 1. GLOBAL GENOMICS PERSONALIZED HEALTH MARKET EXECUTIVE SUMMARY**

- 1.1. Global Genomics Personalized Health Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Technology
  - 1.3.2. By Test Type
  - 1.3.3. By End User
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL GENOMICS PERSONALIZED HEALTH MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

### **CHAPTER 3. GLOBAL GENOMICS PERSONALIZED HEALTH MARKET DYNAMICS**

*Global Genomics Personalized Health Market Size study, by Technology (NGS Platform, RT-PCR, Microarray, Geneti...*

### 3.1. Market Drivers

- 3.1.1. Rise in Demand for Early Diagnosis
- 3.1.2. Increase in Investment in R&D Activities

### 3.2. Market Challenges

- 3.2.1. Lack of Skilled Professionals

### 3.3. Market Opportunities

- 3.3.1. Technological Advancements in Genomics
- 3.3.2. Expansion in Emerging Markets

## **CHAPTER 4. GLOBAL GENOMICS PERSONALIZED HEALTH MARKET INDUSTRY ANALYSIS**

### 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

### 4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### 4.3. Top investment opportunity

### 4.4. Top winning strategies

### 4.5. Disruptive Trends

### 4.6. Industry Expert Perspective

### 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL GENOMICS PERSONALIZED HEALTH MARKET SIZE & FORECASTS BY TECHNOLOGY 2022-2032**

### 5.1. Segment Dashboard

### 5.2. Global Genomics Personalized Health Market: Technology Revenue Trend



Analysis, 2022 & 2032 (USD Billion)

- 5.2.1. NGS Platform
- 5.2.2. RT-PCR
- 5.2.3. Microarray
- 5.2.4. Genetic Analyzer
- 5.2.5. Others

## **CHAPTER 6. GLOBAL GENOMICS PERSONALIZED HEALTH MARKET SIZE & FORECASTS BY TEST TYPE 2022-2032**

6.1. Segment Dashboard

6.2. Global Genomics Personalized Health Market: Test Type Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 6.2.1. Oncology Testing
- 6.2.2. Infectious Disease Testing
- 6.2.3. Orphan Disease Testing
- 6.2.4. Autoimmune Disease Testing
- 6.2.5. Obstetrics Testing
- 6.2.6. Others

## **CHAPTER 7. GLOBAL GENOMICS PERSONALIZED HEALTH MARKET SIZE & FORECASTS BY END USER 2022-2032**

7.1. Segment Dashboard

7.2. Global Genomics Personalized Health Market: End User Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 7.2.1. Academics & Research Institutes
- 7.2.2. Diagnostic Centers
- 7.2.3. Others

## **CHAPTER 8. GLOBAL GENOMICS PERSONALIZED HEALTH MARKET SIZE & FORECASTS BY REGION 2022-2032**

8.1. North America Genomics Personalized Health Market

- 8.1.1. U.S. Genomics Personalized Health Market
  - 8.1.1.1. Technology breakdown size & forecasts, 2022-2032
  - 8.1.1.2. Test Type breakdown size & forecasts, 2022-2032
  - 8.1.1.3. End User breakdown size & forecasts, 2022-2032
- 8.1.2. Canada Genomics Personalized Health Market

- 8.1.2.1. Technology breakdown size & forecasts, 2022-2032
- 8.1.2.2. Test Type breakdown size & forecasts, 2022-2032
- 8.1.2.3. End User breakdown size & forecasts, 2022-2032
- 8.2. Europe Genomics Personalized Health Market
  - 8.2.1. U.K. Genomics Personalized Health Market
  - 8.2.2. Germany Genomics Personalized Health Market
  - 8.2.3. France Genomics Personalized Health Market
  - 8.2.4. Spain Genomics Personalized Health Market
  - 8.2.5. Italy Genomics Personalized Health Market
  - 8.2.6. Rest of Europe Genomics Personalized Health Market
- 8.3. Asia-Pacific Genomics Personalized Health Market
  - 8.3.1. China Genomics Personalized Health Market
  - 8.3.2. India Genomics Personalized Health Market
  - 8.3.3. Japan Genomics Personalized Health Market
  - 8.3.4. Australia Genomics Personalized Health Market
  - 8.3.5. South Korea Genomics Personalized Health Market
  - 8.3.6. Rest of Asia Pacific Genomics Personalized Health Market
- 8.4. Latin America Genomics Personalized Health Market
  - 8.4.1. Brazil Genomics Personalized Health Market
  - 8.4.2. Mexico Genomics Personalized Health Market
  - 8.4.3. Rest of Latin America Genomics Personalized Health Market
- 8.5. Middle East & Africa Genomics Personalized Health Market
  - 8.5.1. Saudi Arabia Genomics Personalized Health Market
  - 8.5.2. South Africa Genomics Personalized Health Market
  - 8.5.3. Rest of Middle East & Africa Genomics Personalized Health Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Company
  - 9.1.2. Company
  - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. QIAGEN
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary

- 9.3.1.5. Market Strategies
- 9.3.2. Illumina, Inc.
- 9.3.3. Thermo Fisher Scientific, Inc.
- 9.3.4. Bio-Rad Laboratories, Inc.
- 9.3.5. Hoffmann-La Roche AG
- 9.3.6. Lonza Group
- 9.3.7. Invitae Corp
- 9.3.8. Genetic Technologies Limited
- 9.3.9. Interleukin Genetics Inc.
- 9.3.10. Eastern Biotech and Life Sciences
- 9.3.11. DNA Genotek Inc.
- 9.3.12. uBiome, Inc.
- 9.3.13. XCode Life Sciences Private Limited

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation
  - 10.1.4. Validation
  - 10.1.5. Publishing
- 10.2. Research Attributes

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Genomics Personalized Health Market, report scope

TABLE 2. Global Genomics Personalized Health Market estimates & forecasts by Region 2022-2032 (USD Billion)

TABLE 3. Global Genomics Personalized Health Market estimates & forecasts by Technology 2022-2032 (USD Billion)

TABLE 4. Global Genomics Personalized Health Market estimates & forecasts by Test Type 2022-2032 (USD Billion)

TABLE 5. Global Genomics Personalized Health Market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 6. Global Genomics Personalized Health Market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 7. Global Genomics Personalized Health Market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 8. Global Genomics Personalized Health Market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 9. Global Genomics Personalized Health Market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 10. Global Genomics Personalized Health Market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 11. Global Genomics Personalized Health Market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 12. Global Genomics Personalized Health Market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 13. Global Genomics Personalized Health Market by segment, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 14. Global Genomics Personalized Health Market by region, estimates & forecasts, 2022-2032 (USD Billion)

TABLE 15. U.S. Genomics Personalized Health Market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 16. U.S. Genomics Personalized Health Market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 17. U.S. Genomics Personalized Health Market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 18. Canada Genomics Personalized Health Market estimates & forecasts, 2022-2032 (USD Billion)

TABLE 19. Canada Genomics Personalized Health Market estimates & forecasts by segment 2022-2032 (USD Billion)

TABLE 20. Canada Genomics Personalized Health Market estimates & forecasts by segment 2022-2032 (USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Genomics Personalized Health Market, research methodology
- FIG 2. Global Genomics Personalized Health Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Genomics Personalized Health Market, key trends 2023
- FIG 5. Global Genomics Personalized Health Market, growth prospects 2022-2032
- FIG 6. Global Genomics Personalized Health Market, porters 5 force model
- FIG 7. Global Genomics Personalized Health Market, PESTEL analysis
- FIG 8. Global Genomics Personalized Health Market, value chain analysis
- FIG 9. Global Genomics Personalized Health Market by segment, 2022 & 2032 (USD Billion)
- FIG 10. Global Genomics Personalized Health Market by segment, 2022 & 2032 (USD Billion)
- FIG 11. Global Genomics Personalized Health Market by segment, 2022 & 2032 (USD Billion)
- FIG 12. Global Genomics Personalized Health Market by segment, 2022 & 2032 (USD Billion)
- FIG 13. Global Genomics Personalized Health Market by segment, 2022 & 2032 (USD Billion)
- FIG 14. Global Genomics Personalized Health Market, regional snapshot 2022 & 2032
- FIG 15. North America Genomics Personalized Health Market 2022 & 2032 (USD Billion)
- FIG 16. Europe Genomics Personalized Health Market 2022 & 2032 (USD Billion)
- FIG 17. Asia pacific Genomics Personalized Health Market 2022 & 2032 (USD Billion)
- FIG 18. Latin America Genomics Personalized Health Market 2022 & 2032 (USD Billion)
- FIG 19. Middle East & Africa Genomics Personalized Health Market 2022 & 2032 (USD Billion)
- FIG 20. Global Genomics Personalized Health Market, company market share analysis (2023)

.....

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## I would like to order

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