

Forensic Genomics Market Size, Trends, Analysis, and Outlook By Product (Analyzers & Sequencers, Software, Kits & Consumables), By Method (Capillary Electrophoresis, Next-generation Sequencing, PCR Amplification), By Application (Criminal Testing, Paternity & Familial Testing, Others), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global Forensic Genomics market size is poised to register 13.76% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Forensic Genomics market across By Product (Analyzers & Sequencers, Software, Kits & Consumables), By Method (Capillary Electrophoresis, Next-generation Sequencing, PCR Amplification), By Application (Criminal Testing, Paternity & Familial Testing, Others).

The forensic genomics market is witnessing notable growth driven by the increasing application of genomics technologies in forensic investigations, rising demand for DNA profiling in criminal cases, and advancements in sequencing and analysis techniques. In 2024 and beyond, factors such as the growing adoption of next-generation sequencing platforms, expansion of DNA databases for forensic purposes, and development of forensic genomics databases and software solutions are driving market evolution. Additionally, the integration of forensic genomics in disaster victim identification, expansion of forensic laboratories, and collaborations between law enforcement agencies and research institutions contribute to market growth.

Forensic Genomics Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Forensic Genomics market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Forensic Genomics survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Forensic Genomics industry.

Key market trends defining the global Forensic Genomics demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Forensic Genomics Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Forensic Genomics industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Forensic Genomics companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Forensic Genomics industry

Leading Forensic Genomics companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Forensic Genomics companies.

Forensic Genomics Market Study- Strategic Analysis Review

The Forensic Genomics market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Forensic Genomics Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Forensic Genomics industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Forensic Genomics Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Forensic Genomics Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Forensic Genomics market segments. Similarly, Strong end-user demand is encouraging Canadian Forensic Genomics

companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Forensic Genomics market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Forensic Genomics Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Forensic Genomics industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Forensic Genomics market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Forensic Genomics Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Forensic Genomics in Asia Pacific. In particular, China, India, and South East Asian Forensic Genomics markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Forensic Genomics Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Forensic Genomics Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Forensic Genomics market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Forensic Genomics.

Forensic Genomics Market Company Profiles

The global Forensic Genomics market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Agilent Technologies Inc, Eurofins Discovery, GE Healthcare, Gene by Gene Ltd, Illumina Inc, Neogen Corp, Thermo Fisher Scientific Inc, Verogen Inc

Recent Forensic Genomics Market Developments

The global Forensic Genomics market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Forensic Genomics Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product

Analyzers & Sequencers

Software

Kits & Consumables

By Method

Capillary Electrophoresis

Next-generation Sequencing

PCR Amplification

By Application

Criminal Testing

Paternity & Familial Testing

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Agilent Technologies Inc

Eurofins Discovery

GE Healthcare

Gene by Gene Ltd

Illumina Inc

Neogen Corp

Thermo Fisher Scientific Inc

Verogen Inc

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Forensic Genomics Market Overview and Key Findings, 2024
- 1.2 Forensic Genomics Market Size and Growth Outlook, 2021- 2030
- 1.3 Forensic Genomics Market Growth Opportunities to 2030
- 1.4 Key Forensic Genomics Market Trends and Challenges
 - 1.4.1 Forensic Genomics Market Drivers and Trends
 - 1.4.2 Forensic Genomics Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Forensic Genomics Companies

2. FORENSIC GENOMICS MARKET SIZE OUTLOOK TO 2030

- 2.1 Forensic Genomics Market Size Outlook, USD Million, 2021- 2030
- 2.2 Forensic Genomics Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. FORENSIC GENOMICS MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. FORENSIC GENOMICS MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Product
 - Analyzers & Sequencers
 - Software
 - Kits & Consumables

By Method

Capillary Electrophoresis

Next-generation Sequencing

PCR Amplification

By Application

Criminal Testing

Paternity & Familial Testing

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Forensic Genomics Market, 2025

5.2 Asia Pacific Forensic Genomics Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Forensic Genomics Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Forensic Genomics Market, 2025

5.5 Europe Forensic Genomics Market Size Outlook by Type, 2021- 2030

5.6 Europe Forensic Genomics Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Forensic Genomics Market, 2025

5.8 North America Forensic Genomics Market Size Outlook by Type, 2021- 2030

5.9 North America Forensic Genomics Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Forensic Genomics Market, 2025

5.11 South America Pacific Forensic Genomics Market Size Outlook by Type, 2021- 2030

5.12 South America Forensic Genomics Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Forensic Genomics Market, 2025

5.14 Middle East Africa Forensic Genomics Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Forensic Genomics Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Forensic Genomics Market Size Outlook and Revenue Growth Forecasts

6.2 US Forensic Genomics Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Forensic Genomics Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

- 6.6 Mexico Forensic Genomics Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Forensic Genomics Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Forensic Genomics Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Forensic Genomics Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Forensic Genomics Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Forensic Genomics Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Forensic Genomics Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Forensic Genomics Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Forensic Genomics Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Forensic Genomics Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Forensic Genomics Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Forensic Genomics Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Forensic Genomics Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Forensic Genomics Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Forensic Genomics Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Forensic Genomics Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Forensic Genomics Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Forensic Genomics Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Forensic Genomics Industry Drivers and Opportunities

7. FORENSIC GENOMICS MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. FORENSIC GENOMICS COMPANY PROFILES

- 8.1 Profiles of Leading Forensic Genomics Companies in the Market
 - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
 - 8.3 Financial Performance and Key Metrics
- Agilent Technologies Inc
- Eurofins Discovery
- GE Healthcare
- Gene by Gene Ltd
- Illumina Inc
- Neogen Corp
- Thermo Fisher Scientific Inc
- Verogen Inc

9. APPENDIX

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

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