

Human Identification Market Size, Trends, Analysis, and Outlook By Technology (Polymerase Chain Reaction (PCR), Next Generation Sequencing (NGS), Nucleic Acid Purification and Extraction, Capillary Electrophoresis, Rapid DNA Analysis, Others), By Products and Services (Instruments, Assay Kits and Reagents, Software and Services), By Application (Forensic Applications, Paternity Testing, Others), by Country, Segment, and Companies, 2024-2032

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Abstracts

The global Human Identification market size is poised to register 10.6% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Human Identification market across By Technology (Polymerase Chain Reaction (PCR), Next Generation Sequencing (NGS), Nucleic Acid Purification and Extraction, Capillary Electrophoresis, Rapid DNA Analysis, Others), By Products and Services (Instruments, Assay Kits and Reagents, Software and Services), By Application (Forensic Applications, Paternity Testing, Others)

The human identification market is characterized by the increasing demand for forensic DNA analysis and biometric identification, advancements in genotyping technologies and DNA profiling methods, and the growing importance of forensic science and criminal investigation. By 2030, the market is poised to witness steady growth, driven by innovations in short tandem repeat (STR) analysis, single nucleotide polymorphism (SNP) typing, and next-generation sequencing (NGS) platforms. Further, expanding applications in forensic genetics, paternity testing, and disaster victim identification are expected to drive market expansion, enabling forensic laboratories, law enforcement

agencies, and ancestry testing companies to analyze genetic markers, resolve forensic cases, and provide closure for families through human identification solutions that offer accuracy, reliability, and ethical considerations for forensic DNA analysis and biometric identification in the forensic science community and criminal justice system.

Human Identification 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 Human Identification market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Human Identification 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 Human Identification industry.

Key market trends defining the global Human Identification 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.

Human Identification Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Human Identification 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 Human Identification companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Human Identification industry

Leading Human Identification 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 Human Identification companies.

Human Identification Market Study- Strategic Analysis Review

The Human Identification 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.

Human Identification Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Human Identification 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 2032 in three case scenarios- low case, reference case, and high case scenarios.

Human Identification Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. 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 2032.

North America Human Identification 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 healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Human Identification market segments. Similarly, Strong market demand is encouraging Canadian Human Identification companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Human Identification market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Human Identification Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Human Identification 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 vendors in identifying and leveraging new growth prospects positions the European Human Identification 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 Human Identification 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 Human Identification in Asia Pacific. In particular, China, India, and South East Asian Human Identification markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors 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 countries in the APAC region.

Latin America Human Identification 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 Human Identification 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 Human Identification market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Human Identification.

Human Identification Market Company Profiles

The global Human Identification 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 Abbott Laboratories, Agilent Technologies Inc, Autogen Inc, Eurofins Scientific SE, GE Healthcare, Hamilton Company, Illumina Inc, Laboratory Corp of America Holdings, QIAGEN N.V., Thermo Fisher Scientific Inc.

Recent Human Identification Market Developments

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

Human Identification Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast)

Human Identification Market Size, Trends, Analysis, and Outlook By Technology (Polymerase Chain Reaction (PCR))...

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 Technology

Polymerase Chain Reaction (PCR)

Next Generation Sequencing (NGS)

Nucleic Acid Purification and Extraction

Capillary Electrophoresis

Rapid DNA Analysis

Others

By Products and Services

Instruments

Assay Kits and Reagents

Software and Services

By Application

Forensic Applications

Paternity 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

Abbott Laboratories

Agilent Technologies Inc

Autogen Inc

Eurofins Scientific SE

GE Healthcare

Hamilton Company

Illumina Inc

Laboratory Corp of America Holdings

QIAGEN N.V.

Thermo Fisher Scientific Inc

Formats Available: Excel, PDF, and PPT

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Others

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- QIAGEN N.V.
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