

Human Identification Market Size by Product (Consumables (Kits & Reagents), Instruments, Software), Technology (PCR, Capillary Electrophoresis, Microarrays, NGS, Rapid DNA), Application (Forensics, Paternity Testing), End User & Region - Global Forecast to 2029

<https://marketpublishers.com/r/H103209C8E1EN.html>

Date: April 2024

Pages: 232

Price: US\$ 4,950.00 (Single User License)

ID: H103209C8E1EN

Abstracts

The human identification market is valued at an estimated USD 0.8 billion in 2024 and is projected to reach USD 1.3 billion by 2029 at a CAGR of 10.7% during the forecast period. Human identification is widely used in forensics, paternity testing, disaster victim identification, and anthropology, among other applications, with DNA analysis/profiling being a key tool in this sector. It is also used in building citizen databases as a means of ensuring the provision of better healthcare and developing an organized set of records. Emerging markets such as Asia Pacific region offer lucrative growth opportunities for human identification market.

“Consumables (Reagents & kits) segment accounted for the highest growth rate in the human identification market, by product, during the forecast period.”

The human identification market is bifurcated into consumables, instruments, and software. Consumable segment in the human identification market is experiencing substantial growth. Major factors driving the growth of this segment include these consumables are frequently used in large amounts of repeat purchases by institutions and organizations that are involved in human identification.

“Forensics segment accounted for the highest growth rate in the human identification market, by application, during the forecast period.”

The human identification market is bifurcated into into forensics, paternity testing, and other applications (disaster victim identification, population genetics, identification of crimes related to human trafficking, and anthropology applications). This high throughput leads to regular procurement of consumables and the maintenance or replacement of systems, adding to the substantial share of human identification products utilized in forensics.

“Asia Pacific: The fastest-growing region human identification market.”

The worldwide market for human identification is categorized into North America, Europe, Asia Pacific, Latin America, the Middle East & Africa, and GCC countries. Notably, the Asia Pacific region market is expected to register the highest growth rate during the forecast period, mainly due to the increasing crime rates, rising number of forensic laboratories, and implementation of awareness campaigns and conferences on human identification and forensic sciences.

The break-up of the profile of primary participants in the human identification market:

By Company Type: Tier 1 - 48%, Tier 2 - 36%, and Tier 3 – 16%

By Designation: C-level - 14%, D-level - 10%, and Others - 76%

By Region: North America - 40%, Europe - 32%, Asia Pacific - 20%, Rest of the World – 8%

The key players in this market are Thermo Fisher Scientific Inc. (US), QIAGEN N.V. (Netherlands), Promega Corporation (US), Hamilton Company (US), FUJIFILM Wako Pure Chemical Corporation (Japan), ANDE (US), AutoGen Inc. (US), InnoGenomics Technologies, LLC (US), Oxford Nanopore Technologies Plc (UK), Bode Cellmark Forensics Inc. (US), Carolina Biological Supply (US), Genetek Biopharma GmbH (Germany), STRmix Limited (New Zealand), Ningbo HEALTH Gene Technologies Co., Ltd. (China), SoftGenetics (US), JusticeTrax (US), Geno Technology, Inc.(US), Bio-Rad Laboratories, Inc. (US), Complete Genomics (US), Bioneer Corporation (Republic of Korea), Abnova Corporation (Taiwan), and ZEISS (Germany).

Research Coverage:

This research report categorizes the human identification market by product (Consumables (DNA Amplification Kits & Reagents, DNA Quantification Kits & Reagents, DNA Extraction Kits and Reagents, Rapid DNA Analysis Kits & Reagents), Instruments (Sample Preparation & Extraction Systems, DNA Quantification Systems, DNA Amplification Systems, DNA Analysis Systems), and Software), by technology (Capillary Electrophoresis, Polymerase Chain Reaction, Microarrays, Next-generation Sequencing, Rapid DNA Analysis), by application (Forensics, Paternity Testing, Other Applications), by end user (Forensic Laboratories, Research Centers and Academic & Government Institutes, Other End Users) and region (North America, Europe, Asia Pacific, Latin America, the Middle East & Africa and GCC countries). The scope of the report covers detailed information regarding the major factors, such as drivers, restraints, opportunities, and challenges influencing the growth of the human identification market. A detailed analysis of the key industry players has been done to provide insights into their business overview, solutions, key strategies, acquisitions, and agreements. New product & service launches and recent developments associated with the human identification market. Competitive analysis of upcoming startups in the human identification market ecosystem is covered in this report.

Reasons to buy this report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall human identification market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Analysis of key drivers (Government initiatives for forensic programs, increasing demand for paternity testing, rise in crime rates, backlog in criminal cases, market expansion initiatives by key players, rising awareness among investigators about role of DNA profiling in criminology), restraints (high cost of forensic tools and services), opportunities (Emerging markets offer lucrative growth opportunities, increasing investments and funding for forensic research, use of rapid DNA technology in forensic science), and challenges (shortage of skilled professionals) influencing the growth of the human identification market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the human identification market.

Market Development: Comprehensive information about lucrative markets – the report analyses the human identification market across varied regions.

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the human identification market

Competitive Assessment: In-depth assessment of market shares, growth strategies, product offerings of leading players like Thermo Fisher Scientific Inc. (US), QIAGEN N.V. (Netherlands), and Promega Corporation (US).

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 INCLUSIONS & EXCLUSIONS OF STUDY

TABLE 1 HUMAN IDENTIFICATION MARKET: INCLUSIONS & EXCLUSIONS OF STUDY

1.4 STUDY SCOPE

1.4.1 MARKET SEGMENTATION

FIGURE 1 HUMAN IDENTIFICATION: MARKET SEGMENTATION

1.4.2 REGIONAL SEGMENTATION

FIGURE 2 HUMAN IDENTIFICATION: REGIONAL SEGMENTATION

1.4.3 YEARS CONSIDERED

1.4.4 CURRENCY CONSIDERED

1.5 STAKEHOLDERS

1.6 SUMMARY OF CHANGES

1.6.1 HUMAN IDENTIFICATION MARKET: RECESSION IMPACT

1.7 MARKET RECONCILIATION

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 3 HUMAN IDENTIFICATION MARKET: RESEARCH DESIGN

2.1.1 SECONDARY DATA

2.1.1.1 Key data from secondary sources

2.1.2 PRIMARY DATA

FIGURE 4 PRIMARY SOURCES

2.1.2.1 Key data from primary sources

2.1.2.2 Breakdown of primary interviews

FIGURE 5 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION

2.1.3 KEY INDUSTRY INSIGHTS

2.2 MARKET SIZE ESTIMATION

2.2.1 BOTTOM-UP APPROACH

2.2.1.1 Approach 1: Company revenue estimation approach

FIGURE 6 BOTTOM-UP APPROACH: COMPANY REVENUE ESTIMATION APPROACH

2.2.1.2 Approach 2: Presentations of companies and primary interviews

2.2.1.3 Approach 3: Number of instruments

2.2.1.4 Growth forecast

2.2.1.5 CAGR projections

FIGURE 7 CAGR PROJECTIONS: SUPPLY-SIDE ANALYSIS

2.2.2 TOP-DOWN APPROACH

FIGURE 8 HUMAN IDENTIFICATION MARKET: TOP-DOWN APPROACH

2.3 MARKET BREAKDOWN & DATA TRIANGULATION

FIGURE 9 DATA TRIANGULATION METHODOLOGY

2.4 MARKET SHARE ANALYSIS

2.5 STUDY ASSUMPTIONS

2.6 RESEARCH LIMITATIONS

2.7 RISK ASSESSMENT

TABLE 2 HUMAN IDENTIFICATION MARKET: RISK ASSESSMENT

2.8 IMPACT OF ECONOMIC RECESSION ON HUMAN IDENTIFICATION MARKET

3 EXECUTIVE SUMMARY

FIGURE 10 HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2024 VS. 2029 (USD MILLION)

FIGURE 11 HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2024 VS. 2029 (USD MILLION)

FIGURE 12 HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2024 VS. 2029 (USD MILLION)

FIGURE 13 HUMAN IDENTIFICATION MARKET, BY END USER, 2024 VS. 2029 (USD MILLION)

FIGURE 14 HUMAN IDENTIFICATION MARKET, BY REGION, 2024 VS. 2029 (USD MILLION)

4 PREMIUM INSIGHTS

4.1 HUMAN IDENTIFICATION MARKET OVERVIEW

FIGURE 15 RISING CRIME RATE TO DRIVE MARKET

4.2 HUMAN IDENTIFICATION MARKET, BY PRODUCT (2024–2029)

FIGURE 16 CONSUMABLES SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

4.3 NORTH AMERICA: HUMAN IDENTIFICATION MARKET, BY PRODUCT AND COUNTRY (2023)

FIGURE 17 CONSUMABLES ACCOUNTED FOR LARGEST SHARE OF NORTH

AMERICAN HUMAN IDENTIFICATION MARKET IN 2023

4.4 HUMAN IDENTIFICATION MARKET: GEOGRAPHIC GROWTH OPPORTUNITIES

FIGURE 18 ASIA PACIFIC COUNTRIES TO REGISTER HIGHER GROWTH DURING FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 19 HUMAN IDENTIFICATION MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Government initiatives for forensic programs

5.2.1.2 Increasing demand for paternity testing

5.2.1.3 Rise in crime rates

5.2.1.4 Backlog in criminal cases

5.2.1.5 Market expansion initiatives by key players

5.2.1.6 Rising awareness among investigators about role of DNA profiling in criminology

5.2.2 RESTRAINTS

5.2.2.1 High cost of forensic tools and services

5.2.3 OPPORTUNITIES

5.2.3.1 Emerging markets offer lucrative growth opportunities

5.2.3.2 Increasing investments and funding for forensic research

5.2.3.3 Use of rapid DNA technology in forensic science

5.2.4 CHALLENGES

5.2.4.1 Shortage of skilled professionals

5.3 PRICING ANALYSIS

5.3.1 AVERAGE SELLING PRICE TREND OF KEY PLAYERS, BY PRODUCT

5.3.2 AVERAGE SELLING PRICE TREND, BY PRODUCT

5.4 VALUE CHAIN ANALYSIS

FIGURE 20 HUMAN IDENTIFICATION MARKET: VALUE CHAIN ANALYSIS

5.5 SUPPLY CHAIN ANALYSIS

FIGURE 21 HUMAN IDENTIFICATION MARKET: SUPPLY CHAIN ANALYSIS

5.6 PORTER'S FIVE FORCES ANALYSIS

TABLE 3 HUMAN IDENTIFICATION MARKET: PORTER'S FIVE FORCES ANALYSIS

5.6.1 INTENSITY OF COMPETITIVE RIVALRY

5.6.2 BARGAINING POWER OF SUPPLIERS

5.6.3 BARGAINING POWER OF BUYERS

5.6.4 THREAT OF NEW ENTRANTS

5.6.5 THREAT OF SUBSTITUTES

5.7 ECOSYSTEM ANALYSIS

FIGURE 22 HUMAN IDENTIFICATION MARKET: ECOSYSTEM ANALYSIS

5.7.1 HUMAN IDENTIFICATION MARKET: ROLE IN ECOSYSTEM

5.8 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 4 LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.9 REGULATORY ANALYSIS

5.9.1 NORTH AMERICA

5.9.1.1 US

TABLE 5 US FDA: MEDICAL DEVICE CLASSIFICATION

TABLE 6 US: MEDICAL DEVICE REGULATORY APPROVAL PROCESS

5.9.1.2 Canada

FIGURE 23 CANADA: REGULATORY PROCESS FOR IVD DEVICES

5.9.2 EUROPE

TABLE 7 EUROPE: CLASSIFICATION OF IVD DEVICES

5.9.3 ASIA PACIFIC

5.9.3.1 Japan

TABLE 8 JAPAN: TIME, COST, AND COMPLEXITY OF REGISTRATION PROCESS

5.9.3.2 China

TABLE 9 CHINA: TIME, COST, AND COMPLEXITY OF REGISTRATION PROCESS

5.9.3.3 India

5.9.4 SOUTH KOREA

TABLE 10 SOUTH KOREA: TIME, COST, AND COMPLEXITY OF REGISTRATION PROCESS

5.10 PATENT ANALYSIS

FIGURE 24 TOP APPLICANTS, OWNERS (COMPANIES/INSTITUTES), AND PATENT TRENDS FOR HUMAN IDENTIFICATION PRODUCTS, JANUARY 2014–DECEMBER 2023

5.11 TRENDS/DISRUPTIONS IMPACTING CUSTOMER'S BUSINESS

5.11.1 REVENUE SHIFT IN HUMAN IDENTIFICATION MARKET

FIGURE 25 REVENUE SHIFT IN HUMAN IDENTIFICATION MARKET

5.12 KEY CONFERENCES & EVENTS IN 2024–2025

TABLE 11 HUMAN IDENTIFICATION MARKET: DETAILED LIST OF CONFERENCES & EVENTS

5.13 TECHNOLOGY ANALYSIS

5.13.1 KEY TECHNOLOGIES

5.13.2 COMPLIMENTARY TECHNOLOGIES

5.13.3 ADJACENT TECHNOLOGIES

5.14 KEY STAKEHOLDERS & BUYING CRITERIA

5.14.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 26 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS OF HUMAN IDENTIFICATION PRODUCTS

TABLE 12 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS OF HUMAN IDENTIFICATION PRODUCTS (%)

5.14.2 BUYING CRITERIA

FIGURE 27 KEY BUYING CRITERIA FOR HUMAN IDENTIFICATION PRODUCTS

TABLE 13 KEY BUYING CRITERIA FOR HUMAN IDENTIFICATION PRODUCTS

5.15 TRADE ANALYSIS

TABLE 14 IMPORT DATA FOR HS CODE 382200, BY COUNTRY, 2018–2022 (USD MILLION)

TABLE 15 EXPORT DATA FOR HS CODE 382200, BY COUNTRY, 2018–2022 (USD MILLION)

5.16 INVESTMENT AND FUNDING SCENARIO

FIGURE 28 INVESTMENT AND FUNDING SCENARIO FOR PLAYERS IN HUMAN IDENTIFICATION MARKET

6 HUMAN IDENTIFICATION MARKET, BY PRODUCT

6.1 INTRODUCTION

TABLE 16 HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

6.2 CONSUMABLES

TABLE 17 HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 18 HUMAN IDENTIFICATION CONSUMABLES MARKET, BY REGION, 2022–2029 (USD MILLION)

TABLE 19 NORTH AMERICA: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 20 EUROPE: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 21 ASIA PACIFIC: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

6.2.1 DNA AMPLIFICATION KITS & REAGENTS

6.2.1.1 Increased demand for multiplex PCR assays to boost segment growth

TABLE 22 DNA AMPLIFICATION KITS & REAGENTS MARKET, BY REGION,

2022–2029 (USD MILLION)

TABLE 23 NORTH AMERICA: DNA AMPLIFICATION KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 24 EUROPE: DNA AMPLIFICATION KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 25 ASIA PACIFIC: DNA AMPLIFICATION KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

6.2.2 RAPID DNA ANALYSIS KITS & REAGENTS

6.2.2.1 Automated processing and reduced sample contamination to aid segment growth

TABLE 26 RAPID DNA ANALYSIS KITS & REAGENTS MARKET, BY REGION, 2022–2029 (USD MILLION)

TABLE 27 NORTH AMERICA: RAPID DNA ANALYSIS KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 28 EUROPE: RAPID DNA ANALYSIS KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 29 ASIA PACIFIC: RAPID DNA ANALYSIS KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

6.2.3 DNA QUANTIFICATION KITS & REAGENTS

6.2.3.1 Advancements in qPCR technology and need for faster human identification results to drive market

TABLE 30 DNA QUANTIFICATION KITS & REAGENTS MARKET, BY REGION, 2022–2029 (USD MILLION)

TABLE 31 NORTH AMERICA: DNA QUANTIFICATION KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 32 EUROPE: DNA QUANTIFICATION KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 33 ASIA PACIFIC: DNA QUANTIFICATION KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

6.2.4 DNA EXTRACTION KITS & REAGENTS

6.2.4.1 Advancements in DNA extraction and purification technologies to propel market growth

TABLE 34 DNA EXTRACTION KITS & REAGENTS MARKET, BY REGION, 2022–2029 (USD MILLION)

TABLE 35 NORTH AMERICA: DNA EXTRACTION KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 36 EUROPE: DNA EXTRACTION KITS & REAGENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 37 ASIA PACIFIC: DNA EXTRACTION KITS & REAGENTS MARKET, BY

COUNTRY, 2022–2029 (USD MILLION)

6.3 INSTRUMENTS

TABLE 38 HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 39 HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY REGION, 2022–2029 (USD MILLION)

TABLE 40 NORTH AMERICA: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 41 EUROPE: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 42 ASIA PACIFIC: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

6.3.1 SAMPLE PREPARATION & EXTRACTION SYSTEMS

6.3.1.1 Complete sample traceability and high process safety to drive market

TABLE 43 SAMPLE PREPARATION & EXTRACTION SYSTEMS MARKET, BY REGION, 2022–2029 (USD MILLION)

TABLE 44 NORTH AMERICA: SAMPLE PREPARATION & EXTRACTION SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 45 EUROPE: SAMPLE PREPARATION & EXTRACTION SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 46 ASIA PACIFIC: SAMPLE PREPARATION & EXTRACTION SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

6.3.2 DNA AMPLIFICATION SYSTEMS

6.3.2.1 Easy replication of specific DNA regions in forensic sciences to propel segment growth

TABLE 47 DNA AMPLIFICATION SYSTEMS MARKET, BY REGION, 2022–2029 (USD MILLION)

TABLE 48 NORTH AMERICA: DNA AMPLIFICATION SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 49 EUROPE: DNA AMPLIFICATION SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 50 ASIA PACIFIC: DNA AMPLIFICATION SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

6.3.3 DNA ANALYSIS SYSTEMS

6.3.3.1 Greater efficacy and lesser turnaround time to augment segment growth

TABLE 51 DNA ANALYSIS SYSTEMS MARKET, BY REGION, 2022–2029 (USD MILLION)

TABLE 52 NORTH AMERICA: DNA ANALYSIS SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 53 EUROPE: DNA ANALYSIS SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 54 ASIA PACIFIC: DNA ANALYSIS SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

6.3.4 DNA QUANTIFICATION SYSTEMS

6.3.4.1 Effective analysis of DNA integrity and detection of PCR inhibitors to boost market growth

TABLE 55 DNA QUANTIFICATION SYSTEMS MARKET, BY REGION, 2022–2029 (USD MILLION)

TABLE 56 NORTH AMERICA: DNA QUANTIFICATION SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 57 EUROPE: DNA QUANTIFICATION SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 58 ASIA PACIFIC: DNA QUANTIFICATION SYSTEMS MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

6.4 SOFTWARE

6.4.1 RISING VOLUME OF PROCEDURES AND INCREASING COMPLEXITY OF GENETIC DATA TO DRIVE MARKET

TABLE 59 HUMAN IDENTIFICATION SOFTWARE MARKET, BY REGION, 2022–2029 (USD MILLION)

TABLE 60 NORTH AMERICA: HUMAN IDENTIFICATION SOFTWARE MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 61 EUROPE: HUMAN IDENTIFICATION SOFTWARE MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 62 ASIA PACIFIC: HUMAN IDENTIFICATION SOFTWARE MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

7 HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY

7.1 INTRODUCTION

TABLE 63 HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

7.2 POLYMERASE CHAIN REACTION

7.2.1 HIGHER SENSITIVITY AND LOWER TURNAROUND TIME DURING FORENSIC INVESTIGATIONS TO PROPEL MARKET GROWTH

TABLE 64 HUMAN IDENTIFICATION MARKET FOR POLYMERASE CHAIN REACTION, BY REGION, 2022–2029 (USD MILLION)

TABLE 65 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR POLYMERASE CHAIN REACTION, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 66 EUROPE: HUMAN IDENTIFICATION MARKET FOR POLYMERASE CHAIN REACTION, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 67 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR POLYMERASE CHAIN REACTION, BY COUNTRY, 2022–2029 (USD MILLION)

7.3 CAPILLARY ELECTROPHORESIS

7.3.1 ACCURATE EXAMINATION OF GENETIC MARKERS AND ESTABLISHMENT OF BIOLOGICAL LINKS TO DRIVE MARKET

TABLE 68 HUMAN IDENTIFICATION MARKET FOR CAPILLARY ELECTROPHORESIS, BY REGION, 2022–2029 (USD MILLION)

TABLE 69 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR CAPILLARY ELECTROPHORESIS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 70 EUROPE: HUMAN IDENTIFICATION MARKET FOR CAPILLARY ELECTROPHORESIS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 71 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR CAPILLARY ELECTROPHORESIS, BY COUNTRY, 2022–2029 (USD MILLION)

7.4 NEXT-GENERATION SEQUENCING

7.4.1 EASY IDENTIFICATION OF MIXED DNA SAMPLES AND ANALYSIS OF COMPLEX PATERNITY CASES TO AID MARKET GROWTH

TABLE 72 HUMAN IDENTIFICATION MARKET FOR NEXT-GENERATION SEQUENCING, BY REGION, 2022–2029 (USD MILLION)

TABLE 73 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR NEXT-GENERATION SEQUENCING, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 74 EUROPE: HUMAN IDENTIFICATION MARKET FOR NEXT-GENERATION SEQUENCING, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 75 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR NEXT-GENERATION SEQUENCING, BY COUNTRY, 2022–2029 (USD MILLION)

7.5 MICROARRAYS

7.5.1 RAPID AND ACCURATE ANALYSIS OF LARGE SAMPLE SETS AT LOW COSTS TO AUGMENT MARKET GROWTH

TABLE 76 HUMAN IDENTIFICATION MARKET FOR MICROARRAYS, BY REGION, 2022–2029 (USD MILLION)

TABLE 77 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR MICROARRAYS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 78 EUROPE: HUMAN IDENTIFICATION MARKET FOR MICROARRAYS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 79 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR MICROARRAYS, BY COUNTRY, 2022–2029 (USD MILLION)

7.6 RAPID DNA ANALYSIS

7.6.1 EFFECTIVE REAL-TIME SAMPLE ANALYSIS FOR DNA PROFILE CREATION

TO PROPEL MARKET GROWTH

TABLE 80 HUMAN IDENTIFICATION MARKET FOR RAPID DNA ANALYSIS, BY REGION, 2022–2029 (USD MILLION)

TABLE 81 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR RAPID DNA ANALYSIS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 82 EUROPE: HUMAN IDENTIFICATION MARKET FOR RAPID DNA ANALYSIS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 83 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR RAPID DNA ANALYSIS, BY COUNTRY, 2022–2029 (USD MILLION)

8 HUMAN IDENTIFICATION MARKET, BY APPLICATION

8.1 INTRODUCTION

TABLE 84 HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

8.2 FORENSICS

8.2.1 INCREASING CRIME RATE TO PROPEL GROWTH

TABLE 85 US: CRIME RATES, BY REGION, 2022

TABLE 86 HUMAN IDENTIFICATION MARKET FOR FORENSIC APPLICATIONS, BY REGION, 2022–2029 (USD MILLION)

TABLE 87 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR FORENSIC APPLICATIONS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 88 EUROPE: HUMAN IDENTIFICATION MARKET FOR FORENSIC APPLICATIONS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 89 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR FORENSIC APPLICATIONS, BY COUNTRY, 2022–2029 (USD MILLION)

8.3 PATERNITY TESTING

8.3.1 RISING NEED TO RESOLVE LEGAL AND PERSONAL DISPUTES TO SUPPORT MARKET GROWTH

TABLE 90 HUMAN IDENTIFICATION MARKET FOR PATERNITY TESTING, BY REGION, 2022–2029 (USD MILLION)

TABLE 91 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR PATERNITY TESTING, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 92 EUROPE: HUMAN IDENTIFICATION MARKET FOR PATERNITY TESTING, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 93 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR PATERNITY TESTING, BY COUNTRY, 2022–2029 (USD MILLION)

8.4 OTHER APPLICATIONS

TABLE 94 HUMAN IDENTIFICATION MARKET FOR OTHER APPLICATIONS, BY

REGION, 2022–2029 (USD MILLION)

TABLE 95 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 96 EUROPE: HUMAN IDENTIFICATION MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 97 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR OTHER APPLICATIONS, BY COUNTRY, 2022–2029 (USD MILLION)

9 HUMAN IDENTIFICATION MARKET, BY END USER

9.1 INTRODUCTION

TABLE 98 HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

9.2 FORENSIC LABORATORIES

9.2.1 RISING CRIME RATE TO DRIVE DEMAND FOR HUMAN IDENTIFICATION SERVICES

TABLE 99 HUMAN IDENTIFICATION MARKET FOR FORENSIC LABORATORIES, BY REGION, 2022–2029 (USD MILLION)

TABLE 100 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR FORENSIC LABORATORIES, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 101 EUROPE: HUMAN IDENTIFICATION MARKET FOR FORENSIC LABORATORIES, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 102 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR FORENSIC LABORATORIES, BY COUNTRY, 2022–2029 (USD MILLION)

9.3 RESEARCH CENTERS AND ACADEMIC & GOVERNMENT INSTITUTES

9.3.1 ADVANCEMENTS IN GENOMICS RESEARCH TO DRIVE MARKET

TABLE 103 HUMAN IDENTIFICATION MARKET FOR RESEARCH CENTERS AND ACADEMIC & GOVERNMENT INSTITUTES, BY REGION, 2022–2029 (USD MILLION)

TABLE 104 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR RESEARCH CENTERS AND ACADEMIC & GOVERNMENT INSTITUTES, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 105 EUROPE: HUMAN IDENTIFICATION MARKET FOR RESEARCH CENTERS AND ACADEMIC & GOVERNMENT INSTITUTES, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 106 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR RESEARCH CENTERS AND ACADEMIC & GOVERNMENT INSTITUTES, BY COUNTRY, 2022–2029 (USD MILLION)

9.4 OTHER END USERS

TABLE 107 HUMAN IDENTIFICATION MARKET FOR OTHER END USERS, BY

REGION, 2022–2029 (USD MILLION)

TABLE 108 NORTH AMERICA: HUMAN IDENTIFICATION MARKET FOR OTHER END USERS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 109 EUROPE: HUMAN IDENTIFICATION MARKET FOR OTHER END USERS, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 110 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET FOR OTHER END USERS, BY COUNTRY, 2022–2029 (USD MILLION)

10 HUMAN IDENTIFICATION MARKET, BY REGION

10.1 INTRODUCTION

TABLE 111 HUMAN IDENTIFICATION MARKET, BY REGION, 2022–2029 (USD MILLION)

10.2 NORTH AMERICA

10.2.1 NORTH AMERICA: RECESSION IMPACT

FIGURE 29 NORTH AMERICA: HUMAN IDENTIFICATION MARKET SNAPSHOT

TABLE 112 NORTH AMERICA: HUMAN IDENTIFICATION MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 113 NORTH AMERICA: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 114 NORTH AMERICA: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 115 NORTH AMERICA: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 116 NORTH AMERICA: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 117 NORTH AMERICA: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 118 NORTH AMERICA: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

10.2.2 US

10.2.2.1 Rising crime rates and increasing government-funded initiatives for forensic programs to boost demand

TABLE 119 US: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 120 US: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 121 US: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 122 US: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029
(USD MILLION)

TABLE 123 US: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029
(USD MILLION)

TABLE 124 US: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029
(USD MILLION)

TABLE 125 US: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY END USER,
2022–2029 (UNITS)

10.2.3 CANADA

10.2.3.1 Improvements in forensic laboratory infrastructure to drive market

TABLE 126 CANADA: HUMAN IDENTIFICATION MARKET, BY PRODUCT,
2022–2029 (USD MILLION)

TABLE 127 CANADA: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY
TYPE, 2022–2029 (USD MILLION)

TABLE 128 CANADA: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY
TYPE, 2022–2029 (USD MILLION)

TABLE 129 CANADA: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY,
2022–2029 (USD MILLION)

TABLE 130 CANADA: HUMAN IDENTIFICATION MARKET, BY APPLICATION,
2022–2029 (USD MILLION)

TABLE 131 CANADA: HUMAN IDENTIFICATION MARKET, BY END USER,
2022–2029 (USD MILLION)

TABLE 132 CANADA: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY END
USER, 2022–2029 (UNITS)

10.3 EUROPE

10.3.1 EUROPE: RECESSION IMPACT

TABLE 133 EUROPE: HUMAN IDENTIFICATION MARKET, BY COUNTRY,
2022–2029 (USD MILLION)

TABLE 134 EUROPE: HUMAN IDENTIFICATION MARKET, BY PRODUCT,
2022–2029 (USD MILLION)

TABLE 135 EUROPE: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY
TYPE, 2022–2029 (USD MILLION)

TABLE 136 EUROPE: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY
TYPE, 2022–2029 (USD MILLION)

TABLE 137 EUROPE: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY,
2022–2029 (USD MILLION)

TABLE 138 EUROPE: HUMAN IDENTIFICATION MARKET, BY APPLICATION,
2022–2029 (USD MILLION)

TABLE 139 EUROPE: HUMAN IDENTIFICATION MARKET, BY END USER,

2022–2029 (USD MILLION)

10.3.2 GERMANY

10.3.2.1 Stringent regulatory guidelines for forensic investigations to boost demand

TABLE 140 GERMANY: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 141 GERMANY: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 142 GERMANY: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 143 GERMANY: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 144 GERMANY: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 145 GERMANY: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

10.3.3 FRANCE

10.3.3.1 Rising demand for paternity tests to support market growth

TABLE 146 FRANCE: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 147 FRANCE: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 148 FRANCE: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 149 FRANCE: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 150 FRANCE: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 151 FRANCE: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

10.3.4 UK

10.3.4.1 Growing availability of forensic equipment to propel market

TABLE 152 UK: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 153 UK: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 154 UK: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 155 UK: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 156 UK: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029
(USD MILLION)

TABLE 157 UK: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029
(USD MILLION)

10.3.5 ITALY

10.3.5.1 Advancements in DNA analysis to fuel market

TABLE 158 ITALY: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029
(USD MILLION)

TABLE 159 ITALY: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE,
2022–2029 (USD MILLION)

TABLE 160 ITALY: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE,
2022–2029 (USD MILLION)

TABLE 161 ITALY: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY,
2022–2029 (USD MILLION)

TABLE 162 ITALY: HUMAN IDENTIFICATION MARKET, BY APPLICATION,
2022–2029 (USD MILLION)

TABLE 163 ITALY: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029
(USD MILLION)

10.3.6 SPAIN

10.3.6.1 Growing demand for gene expression analysis services to propel market

TABLE 164 SPAIN: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029
(USD MILLION)

TABLE 165 SPAIN: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE,
2022–2029 (USD MILLION)

TABLE 166 SPAIN: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE,
2022–2029 (USD MILLION)

TABLE 167 SPAIN: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY,
2022–2029 (USD MILLION)

TABLE 168 SPAIN: HUMAN IDENTIFICATION MARKET, BY APPLICATION,
2022–2029 (USD MILLION)

TABLE 169 SPAIN: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029
(USD MILLION)

10.3.7 REST OF EUROPE

TABLE 170 REST OF EUROPE: HUMAN IDENTIFICATION MARKET, BY PRODUCT,
2022–2029 (USD MILLION)

TABLE 171 REST OF EUROPE: HUMAN IDENTIFICATION CONSUMABLES
MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 172 REST OF EUROPE: HUMAN IDENTIFICATION INSTRUMENTS MARKET,
BY TYPE, 2022–2029 (USD MILLION)

TABLE 173 REST OF EUROPE: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 174 REST OF EUROPE: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 175 REST OF EUROPE: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

10.4 ASIA PACIFIC

10.4.1 ASIA PACIFIC: RECESSION IMPACT

FIGURE 30 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET SNAPSHOT

TABLE 176 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET, BY COUNTRY, 2022–2029 (USD MILLION)

TABLE 177 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 178 ASIA PACIFIC: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 179 ASIA PACIFIC: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 180 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 181 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 182 ASIA PACIFIC: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

10.4.2 JAPAN

10.4.2.1 High demand for DNA analysis kits to drive market

TABLE 183 JAPAN: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 184 JAPAN: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 185 JAPAN: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 186 JAPAN: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 187 JAPAN: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 188 JAPAN: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

TABLE 189 JAPAN: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY END USER, 2022–2029 (UNITS)

10.4.3 CHINA

10.4.3.1 Rising establishment of forensic laboratories to drive market

TABLE 190 CHINA: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 191 CHINA: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 192 CHINA: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 193 CHINA: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 194 CHINA: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 195 CHINA: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

TABLE 196 CHINA: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY END USER, 2022–2029 (UNITS)

10.4.4 INDIA

10.4.4.1 Rising crime level rates to boost demand

TABLE 197 INDIA: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 198 INDIA: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 199 INDIA: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 200 INDIA: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 201 INDIA: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 202 INDIA: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

TABLE 203 INDIA: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY END USER, 2022–2029 (UNITS)

10.4.5 REST OF ASIA PACIFIC

TABLE 204 REST OF ASIA PACIFIC: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 205 REST OF ASIA PACIFIC: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 206 REST OF ASIA PACIFIC: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 207 REST OF ASIA PACIFIC: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 208 REST OF ASIA PACIFIC: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 209 REST OF ASIA PACIFIC: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

10.5 LATIN AMERICA

10.5.1 RISING LEVELS OF HOMICIDES TO DRIVE MARKET

10.5.2 LATIN AMERICA: RECESSION IMPACT

TABLE 210 LATIN AMERICA: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 211 LATIN AMERICA: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 212 LATIN AMERICA: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 213 LATIN AMERICA: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 214 LATIN AMERICA: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 215 LATIN AMERICA: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

10.6 MIDDLE EAST & AFRICA

10.6.1 IMPROVEMENTS IN HEALTHCARE INFRASTRUCTURE TO SUPPORT MARKET GROWTH

10.6.2 MIDDLE EAST & AFRICA: RECESSION IMPACT

TABLE 216 MIDDLE EAST & AFRICA: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 217 MIDDLE EAST & AFRICA: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 218 MIDDLE EAST & AFRICA: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 219 MIDDLE EAST & AFRICA: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 220 MIDDLE EAST & AFRICA: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 221 MIDDLE EAST & AFRICA: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

10.7 GCC COUNTRIES

10.7.1 RISING INVESTMENTS IN RESEARCH PROGRAMS TO SUPPORT MARKET

GROWTH

10.7.2 GCC COUNTRIES: RECESSION IMPACT

TABLE 222 GCC COUNTRIES: HUMAN IDENTIFICATION MARKET, BY PRODUCT, 2022–2029 (USD MILLION)

TABLE 223 GCC COUNTRIES: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 224 GCC COUNTRIES: HUMAN IDENTIFICATION INSTRUMENTS MARKET, BY TYPE, 2022–2029 (USD MILLION)

TABLE 225 GCC COUNTRIES: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2022–2029 (USD MILLION)

TABLE 226 GCC COUNTRIES: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2022–2029 (USD MILLION)

TABLE 227 GCC COUNTRIES: HUMAN IDENTIFICATION MARKET, BY END USER, 2022–2029 (USD MILLION)

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.2 KEY PLAYER STRATEGIES/RIGHT TO WIN

11.2.1 OVERVIEW OF STRATEGIES ADOPTED BY KEY HUMAN IDENTIFICATION MANUFACTURERS

11.3 REVENUE SHARE ANALYSIS

FIGURE 31 REVENUE ANALYSIS OF KEY PLAYERS

11.4 MARKET SHARE ANALYSIS

FIGURE 32 HUMAN IDENTIFICATION MARKET SHARE ANALYSIS, 2023

11.5 COMPANY EVALUATION MATRIX: KEY PLAYERS

11.5.1 STARS

11.5.2 EMERGING LEADERS

11.5.3 PERVASIVE PLAYERS

11.5.4 PARTICIPANTS

FIGURE 33 HUMAN IDENTIFICATION MARKET: COMPANY EVALUATION MATRIX (KEY PLAYERS), 2023

11.5.5 COMPANY FOOTPRINT ANALYSIS

TABLE 228 COMPANY FOOTPRINT

TABLE 229 PRODUCT FOOTPRINT

TABLE 230 APPLICATION FOOTPRINT

TABLE 231 REGIONAL FOOTPRINT

11.6 COMPANY EVALUATION MATRIX: STARTUPS/SMES

11.6.1 PROGRESSIVE COMPANIES

11.6.2 STARTING BLOCKS

11.6.3 RESPONSIVE COMPANIES

11.6.4 DYNAMIC COMPANIES

FIGURE 34 HUMAN IDENTIFICATION MARKET: COMPANY EVALUATION MATRIX (STARTUPS/SMES), 2023

11.6.5 COMPETITIVE BENCHMARKING

TABLE 232 DETAILED LIST OF KEY STARTUPS/SMES

TABLE 233 COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES

11.7 VALUATION AND FINANCIAL METRICS OF HUMAN IDENTIFICATION VENDORS

FIGURE 35 EV/EBITDA OF KEY VENDORS

FIGURE 36 EV/REVENUE OF KEY VENDORS

FIGURE 37 BETA (5 YEARS) OF KEY VENDORS

11.8 BRAND COMPARISON

FIGURE 38 PRODUCT/BRAND COMPARISON: HUMAN IDENTIFICATION INSTRUMENTS

11.9 COMPETITIVE SCENARIO

11.9.1 PRODUCT LAUNCHES & APPROVALS

TABLE 234 HUMAN IDENTIFICATION MARKET: PRODUCT LAUNCHES & APPROVALS, JANUARY 2020–DECEMBER 2023

11.9.2 DEALS

TABLE 235 HUMAN IDENTIFICATION MARKET: DEALS, JANUARY 2020–DECEMBER 2023

11.9.3 OTHER DEVELOPMENTS

TABLE 236 HUMAN IDENTIFICATION MARKET: OTHER DEVELOPMENTS, JANUARY 2020–DECEMBER 2023

12 COMPANY PROFILES

12.1 KEY PLAYERS

(Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))*

12.1.1 THERMO FISHER SCIENTIFIC INC.

TABLE 237 THERMO FISHER SCIENTIFIC INC.: BUSINESS OVERVIEW

FIGURE 39 THERMO FISHER SCIENTIFIC INC.: COMPANY SNAPSHOT (2023)

TABLE 238 THERMO FISHER SCIENTIFIC INC.: PRODUCTS OFFERED

TABLE 239 THERMO FISHER SCIENTIFIC INC.: PRODUCT APPROVALS (JANUARY 2020–DECEMBER 2023)

**TABLE 240 THERMO FISHER SCIENTIFIC INC.: OTHER DEVELOPMENTS
(JANUARY 2020–DECEMBER 2023)****12.1.2 QIAGEN N.V.****TABLE 241 QIAGEN N.V.: BUSINESS OVERVIEW****FIGURE 40 QIAGEN N.V.: COMPANY SNAPSHOT (2023)****TABLE 242 QIAGEN N.V.: PRODUCTS OFFERED****TABLE 243 QIAGEN N.V.: PRODUCT APPROVALS (JANUARY 2020–DECEMBER 2023)****TABLE 244 QIAGEN N.V.: DEALS (JANUARY 2020–DECEMBER 2023)****12.1.3 PROMEGA CORPORATION****TABLE 245 PROMEGA CORPORATION: BUSINESS OVERVIEW****TABLE 246 PROMEGA CORPORATION: PRODUCTS OFFERED****TABLE 247 PROMEGA CORPORATION: PRODUCT LAUNCHES (JANUARY 2020–DECEMBER 2023)****12.1.4 HAMILTON COMPANY****TABLE 248 HAMILTON COMPANY: BUSINESS OVERVIEW****TABLE 249 HAMILTON COMPANY: PRODUCTS OFFERED****TABLE 250 HAMILTON COMPANY: PRODUCT LAUNCHES
(JANUARY 2020–DECEMBER 2023)****12.1.5 FUJIFILM WAKO PURE CHEMICAL CORPORATION****TABLE 251 FUJIFILM WAKO PURE CHEMICAL CORPORATION: BUSINESS OVERVIEW****TABLE 252 FUJIFILM WAKO PURE CHEMICAL CORPORATION: PRODUCTS OFFERED****12.1.6 ANDE****TABLE 253 ANDE: BUSINESS OVERVIEW****12.1.7 AUTOGEN INC.****TABLE 254 AUTOGEN INC.: BUSINESS OVERVIEW****TABLE 255 AUTOGEN INC.: PRODUCTS OFFERED****12.1.8 INNOGENOMICS TECHNOLOGIES, LLC****TABLE 256 INNOGENOMICS TECHNOLOGIES, LLC: BUSINESS OVERVIEW****TABLE 257 INNOGENOMICS TECHNOLOGIES, LLC: PRODUCTS OFFERED****TABLE 258 INNOGENOMICS TECHNOLOGIES, LLC: PRODUCT LAUNCHES
(JANUARY 2020–DECEMBER 2023)****12.1.9 OXFORD NANOPORE TECHNOLOGIES PLC****TABLE 259 OXFORD NANOPORE TECHNOLOGIES PLC: BUSINESS OVERVIEW****FIGURE 41 OXFORD NANOPORE TECHNOLOGIES PLC: COMPANY SNAPSHOT
(2023)****TABLE 260 OXFORD NANOPORE TECHNOLOGIES PLC: PRODUCTS OFFERED**

12.1.10 BODE CELLMARK FORENSICS, INC.

TABLE 261 BODE CELLMARK FORENSICS, INC.: BUSINESS OVERVIEW

TABLE 262 BODE CELLMARK FORENSICS, INC.: PRODUCTS OFFERED

12.2 OTHER PLAYERS

12.2.1 CAROLINA BIOLOGICAL SUPPLY COMPANY

12.2.2 GENETEK BIOPHARMA GMBH

12.2.3 STRMIX LIMITED

12.2.4 NINGBO HEALTH GENE TECHNOLOGIES CO., LTD.

12.2.5 SOFTGENETICS

12.2.6 JUSTICETRAX

12.2.7 GENO TECHNOLOGY INC.

12.2.8 BIO-RAD LABORATORIES, INC.

12.2.9 COMPLETE GENOMICS INCORPORATED

12.2.10 BIONEER CORPORATION

12.2.11 ABNOVA CORPORATION

12.2.12 ZEISS

*Details on Business Overview, Products Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

13.3 CUSTOMIZATION OPTIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

I would like to order

Product name: Human Identification Market Size by Product (Consumables (Kits & Reagents), Instruments, Software), Technology (PCR, Capillary Electrophoresis, Microarrays, NGS, Rapid DNA), Application (Forensics, Paternity Testing), End User & Region - Global Forecast to 2029

Product link: <https://marketpublishers.com/r/H103209C8E1EN.html>

Price: US\$ 4,950.00 (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/H103209C8E1EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970