

# Human Identification Market by Technology (Next Generation Sequencing, Rapid DNA Analysis, Capillary Electrophoresis, PCR), Application (Forensics, Paternity Testing), DNA Amplification, Quantification, Extraction, Services, & Software -Forecast to 2018

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## **Abstracts**

The global human identification market is categorized on the basis of technology, application, product, and geography. The next generation sequencing and rapid DNA analysis market is expected to register the highest growth rate in the human identification market by technology, during the forecast period. Their favorable growth is attributed to continuous launch of new and advanced products. Furthermore, various conferences and symposiums are being conducted to spread awareness for use of such technologies in routine DNA analysis. For instance, in September 2013, International Symposium on Human Identification (ISHI) was held in Georgia, U.S. The conference focused on various emerging technologies for human identification which also included rapid DNA analysis as one of the potential technology.

Major factors contributing to growth of human identification include government support in the form funding, rising awareness regarding new technologies for the DNA analysis, and the need to reduce time and cost associated with DNA analysis. Furthermore, owing to continuous advancements in technology, new products are being launched in the market which is another major factor providing impetus for growth of the market. The Asian region and advent of next generation sequencing technology are likely to provide opportunities for human identification market to grow. However, factors such as spending cuts on police budget by U.K government and declining cost of DNA analysis instruments and services may restrain the growth of this market.



Countries such as China, Australia, Japan, and Brazil are expected to serve as new revenue pockets for the human identification market in coming five years.

Apart from the comprehensive geographic and product analysis and market sizing, the report also provides competitive landscape that covers the growth strategies adopted by industry players in the last three years. In addition, the company profiles comprise the basic views on the key players in the human identification market and the product portfolios, developments, and strategies adopted by market players to maintain and increase their market shares in the near future. The above-mentioned market research data, current market size, and forecast of future trends will help the key players and new entrants to make the necessary decisions regarding product offerings, geographic focus, change in strategic approach, R&D investments for innovations in products and technologies, and levels of output in order to remain successful.

## Reasons to Buy the Report:

The report will enrich both established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn will help the firms in garnering a greater market share. Firms purchasing the report can use any one or a combination of the below mentioned five strategies (market penetration, product development/innovation, market development, market diversification, and competitive assessment) for strengthening their market shares.

## The report provides insights on the following pointers:

Market Penetration: Comprehensive information on product portfolios of top players in the human identification market. The report analyzes the human identification market by technology, application, products, and geography

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

Competitive Assessment: In-depth assessment of market strategies, geographic and business segments, and product portfolios of leading players in the human identification market

Market Development: Comprehensive information about the lucrative emerging



markets. The report analyzes the market for various human identification products across geographies

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



## **Contents**

#### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 REPORT DESCRIPTION
- 1.3 MARKETS COVERED
- 1.4 STAKEHOLDERS
- 1.5 SCOPE
- 1.6 RESEARCH METHODOLOGY
  - 1.6.1 MARKET SIZE ESTIMATION
  - 1.6.2 MARKET CRACKDOWN & DATA TRIANGULATION
  - 1.6.3 MARKET SHARE CALCULATION
  - 1.6.4 KEY DATA FROM PRIMARY SOURCES
  - 1.6.5 KEY DATA FROM SECONDARY SOURCES
  - 1.6.6 ASSUMPTIONS

#### **2 EXECUTIVE SUMMARY**

#### **3 PREMIUM INSIGHTS**

- 3.1 WINNING IMPERATIVES
  - 3.1.1 MERGERS & ACQUISITIONS
- 3.2 PORTER'S FIVE FORCES ANALYSIS
  - 3.2.1 THREAT OF NEW ENTRANTS
  - 3.2.2 BARGAINING POWER OF SUPPLIERS
  - 3.2.3 BARGAINING POWER OF BUYERS
  - 3.2.4 COMPETITOR RIVALRY
  - 3.2.5 THREAT OF SUBSTITUTES
- 3.3 TECHNOLOGY LIFE CYCLE
- 3.3.1 NEXT-GENERATION SEQUENCING IN THE INTRODUCTION PHASE; CAPILLARY ELECTROPHORESIS ENTERING THE MATURITY PHASE

#### **4 MARKET OVERVIEW**

- 4.1 INTRODUCTION
- 4.2 MARKET SEGMENTATION
- 4.3 MARKET DYNAMICS
- 4.3.1 MARKET DRIVERS



- 4.3.1.1 U.S. national DNA database expansion, an impetus for human identification market
  - 4.3.1.2 Government initiatives likely to boost the human identification market
  - 4.3.1.3 Conferences, symposia, and exhibitions likely to fuel the market
  - 4.3.1.4 Technological advancements to propel the human identification market
  - 4.3.1.5 Need for reducing the time & cost of DNA analysis likely to fuel the market
  - 4.3.2 MARKET RESTRAINTS
  - 4.3.2.1 Price erosion in instruments and services would restrain the market growth
- 4.3.2.2 Integration of technology likely to restrict the growth of discrete DNA analysis instruments market
  - 4.3.2.3 Spending cuts in the U.K.'s police budget likely to hinder market growth
  - 4.3.3 MARKET OPPORTUNITIES
- 4.3.3.1 Integration of technologies likely to accelerate the pace of the DNA analysis processes
  - 4.3.3.2 The Asian region presents significant growth opportunities
- 4.3.3.3 Next Generation Sequencing(NGS), an upcoming technology in the human identification market
  - 4.3.4 CHALLENGES
    - 4.3.4.1 High cost of automated instruments
    - 4.3.4.2 Survival of small players and new entrants
- 4.4 MARKET SHARE ANALYSIS

## **5 HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY**

- 5.1 INTRODUCTION
- 5.2 POLYMERASE CHAIN REACTION (PCR)
- 5.3 AUTOMATED LIQUID HANDLING TECHNOLOGY
- **5.4 MICROARRAY**
- 5.5 CAPILLARY ELECTROPHORESIS
- 5.6 NEXT GENERATION SEQUENCING (NGS)
- 5.7 RAPID DNA ANALYSIS
- 5.8 NUCLEIC ACID PURIFICATION & EXTRACTION

## **6 HUMAN IDENTIFICATION MARKET, BY APPLICATION**

- 6.1 INTRODUCTION
- 6.2 FORENSIC APPLICATION
- 6.3 PATERNITY IDENTIFICATION
- **6.4 OTHER APPLICATIONS**



- 6.4.1 DISASTER VICTIM IDENTIFICATION
- 6.4.2 POPULATION GENETICS
- 6.4.3 HUMAN TRAFFICKING
- 6.4.4 ANTHROPOLOGY APPLICATIONS

## 7 HUMAN IDENTIFICATION MARKET, BY PRODUCTS & SERVICES

- 7.1 INTRODUCTION
- 7.2 CONSUMABLES
  - 7.2.1 ASSAY KITS AND REAGENTS
    - 7.2.1.1 DNA extraction kits & reagents
  - 7.2.1.2 DNA quantification kits & reagents
  - 7.2.1.3 DNA amplification kits & reagents
  - 7.2.1.4 Electrophoresis kits & reagents
  - 7.2.1.5 Rapid DNA analysis kits & reagents
  - 7.2.2 OTHER CONSUMABLES
- 7.3 SERVICES
- 7.4 SOFTWARE

## **8 GEOGRAPHIC ANALYSIS**

- 8.1 INTRODUCTION
- 8.2 NORTH AMERICA
- 8.2.1 EXPANSION OF THE U.S. NATIONAL DNA DATABASE TO DRIVE THE MARKET
- 8.2.2 AWARENESS CAMPAIGNS AND CONFERENCES TO BOLSTER THE MARKET GROWTH
  - 8.2.3 GOVERNMENT INVESTMENTS TO BOOST THE MARKET
- 8.3 EUROPE
  - 8.3.1 GERMANY
  - **8.3.2 FRANCE**
  - 8.3.2.1 Forensic conferences and symposia, an impetus for the growth of the market 8.3.3 U.K.
    - 8.3.3.1 Collaborations to fuel the market
    - 8.3.3.2 Initiatives by the Government of England to fuel market growth
  - 8.3.4 ITALY
  - 8.3.5 SPAIN
  - 8.3.6 ROE
- 8.4 ASIA



- 8.4.1 HELP PROVIDED BY FOREIGN COUNTRIES TO PROPEL THE ASIAN MARKET
- 8.4.2 LARGE NUMBER OF NATURAL DISASTERS IN JAPAN TO DRIVE THE HUMAN IDENTIFICATION MARKET
- 8.4.3 CONFERENCE AND WORKSHOPS TO INCREASE AWARENESS IN ASIA 8.5 ROW
- 8.5.1 GOVERNMENT INVESTMENT TO FUEL THE BRAZILIAN MARKET
- 8.5.2 DEVELOPMENT OF INNOVATIVE PRODUCTS, AN IMPETUS FOR THE GROWTH OF THE MARKET

## 9 COMPETITIVE LANDSCAPE

- 9.1 INTRODUCTION
- 9.2 NEW PRODUCT LAUNCHES
- 9.3 PARTNERSHIPS, AGREEMENTS, & COLLABORATIONS
- 9.4 EXPANSIONS
- 9.5 ACQUISITIONS
- 9.6 APPROVALS

## **10 COMPANY PROFILES**

- 10.1 BODE TECHNOLOGY GROUP, INC. (A SUBSIDIARY OF SOLUTIONPOINT INTERNATIONAL)
- 10.2 ILLUMINA INC.
- 10.3 PROMEGA CORPORATION
- 10.4 QIAGEN N.V.
- 10.5 THERMO FISHER SCIENTIFIC
- 10.6 AGILENT TECHNOLOGIES, INC.
- 10.7 GE HEALTHCARE
- 10.8 LGC FORENSICS (A SUBSIDARY OF LGC GROUP)
- 10.9 NMS LABS INC.
- 10.10 ORCHID CELL MARK INC. (A SUBSIDIARY OF LAB CORP COMPANY) (Details on Overview, Financials, Products & Services, Key Strategies, & Developments may not be captured of unlisted companies; SWOT Analysis and MnM VIEW will be provided for top-5 companies only)

## **APPENDIX**



# **List Of Tables**

#### LIST OF TABLES

TABLE 1 HUMAN IDENTIFICATION MARKET

TABLE 2 HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2011–2018 (\$MILLION)

TABLE 3 HUMAN IDENTIFICATION TECHNOLOGY MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 4 EUROPE: HUMAN IDENTIFICATION TECHNOLOGY MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 5 PCR TECHNOLOGY MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION) TABLE 6 EUROPE: PCR TECHNOLOGY MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 7 AUTOMATED LIQUID HANDLING TECHNOLOGY MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 8 EUROPE: AUTOMATED LIQUID HANDLING TECHNOLOGY MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 9 MICROARRAY TCHNOLOGY MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 10 EUROPE: MICROARRAY MARKET, BY COUNTRY, 2011–2018 (\$THOUSAND)

TABLE 11 CAPILLARY ELECTROPHORESIS MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 12 EUROPE: CAPILLARY ELECTROPHORESIS MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 13 NEXT GENERATION SEQUENCING MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 14 EUROPE: NEXT GENERATION SEQUENCING MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 15 RAPID DNA ANALYSIS MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 16 EUROPE: RAPID DNA ANALYSIS MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 17 NUCLEIC ACID PURIFICATION & EXTRACTION MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 18 EUROPE: NUCLEIC ACID PURIFICATION & EXTRACTION MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 19 HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2011–2018



(\$MILLION)

TABLE 20 HUMAN IDENTIFICATION APPLICATION MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 21 EUROPE: HUMAN IDENTIFICATION APPLICATION MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 22 HUMAN IDENTIFICATION FORENSIC APPLICATION MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 23 EUROPE: HUMAN IDENTIFICATION FORENSIC APPLICATION MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 24 PATERNITY IDENTIFICATION MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 25 EUROPE: PATERNITY IDENTIFICATION MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 26 HUMAN IDENTIFICATION OTHER APPLICATION MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 27 EUROPE: HUMAN IDENTIFICATION OTHER APPLICATION MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 28 HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE, 2011–2018 (\$MILLION)

TABLE 29 HUMAN IDENTIFICATION PRODUCT MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 30 EUROPE: HUMAN IDENTIFICATION PRODUCT MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 31 HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 32 HUMAN IDENTIFICATION CONSUMABLES MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 33 EUROPE: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 34 HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 35 HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 36 EUROPE: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 37 HUMAN IDENTIFICATION DNA EXTRACTION KITS & REAGENTS MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 38 EUROPE: HUMAN IDENTIFICATION DNA EXTRACTION KITS & REAGENTS MARKET, BY COUNTRY, 2011–2018 (\$MILLION)



TABLE 39 HUMAN IDENTIFICATION DNA QUANTIFICATION KITS & REAGENTS MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 40 EUROPE: HUMAN IDENTIFICATION DNA QUANTIFICATION KITS & REAGENTS MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 41 HUMAN IDENTIFICATION DNA AMPLIFICATION KITS & REAGENTS MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 42 EUROPE: HUMAN IDENTIFICATION DNA AMPLIFICATION KITS & REAGENTS MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 43 HUMAN IDENTIFICATION ELECTROPHORESIS KITS & REAGENTS MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 44 EUROPE: HUMAN IDENTIFICATION ELECTROPHORESIS KITS & REAGENTS MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 45 HUMAN IDENTIFICATION RAPID DNA ANALYSIS KITS & REAGENTS MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 46 EUROPE: HUMAN IDENTIFICATION RAPID DNA ANALYSIS KITS & REAGENTS MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 47 HUMAN IDENTIFICATION OTHER CONSUMABLES MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 48 EUROPE: HUMAN IDENTIFICATION OTHER CONSUMABLES MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 49 HUMAN IDENTIFICATION SERVICES MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 50 EUROPE: HUMAN IDENTIFICATION SERVICES MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 51 HUMAN IDENTIFICATION SOFTWARE MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 52 EUROPE: HUMAN IDENTIFICATION SOFTWARE MARKET, BY COUNTRY, 2011–2018 (\$MILLION)

TABLE 53 HUMAN IDENTIFICATION MARKET, BY GEOGRAPHY, 2011–2018 (\$MILLION)

TABLE 54 NORTH AMERICA: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2011–2018 (\$MILLION)

TABLE 55 NORTH AMERICA: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2011–2018 (\$MILLION)

TABLE 56 NORTH AMERICA: HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE, 2011–2018 (\$MILLION)

TABLE 57 NORTH AMERICA: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 58 NORTH AMERICA: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS



MARKET, BY TYPE, 2011-2018 (\$MILLION)

TABLE 59 EUROPE: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2011–2018 (\$MILLION)

TABLE 60 EUROPE: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2011–2018 (\$MILLION)

TABLE 61 EUROPE: HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE, 2011–2018 (\$MILLION)

TABLE 62 EUROPE: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 63 EUROPE: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 64 GERMANY: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2011–2018 (\$MILLION)

TABLE 65 GERMANY: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2011–2018 (\$MILLION)

TABLE 66 GERMANY: HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE, 2011–2018 (\$MILLION)

TABLE 67 GERMANY: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 68 GERMANY: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 69 FRANCE: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2011–2018 (\$MILLION)

TABLE 70 FRANCE: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2011–2018 (\$MILLION)

TABLE 71 FRANCE: HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE, 2011–2018 (\$MILLION)

TABLE 72 FRANCE: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 73 FRANCE: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 74 U.K.: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2011–2018 (\$MILLION)

TABLE 75 U.K.: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2011–2018 (\$MILLION)

TABLE 76 U.K.: HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE, 2011–2018 (\$MILLION)

TABLE 77 U.K.: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2011–2018 (\$MILLION)



TABLE 78 U.K.: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 79 ITALY: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY,

2011-2018 (\$MILLION)

TABLE 80 ITALY: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2011–2018 (\$MILLION)

TABLE 81 ITALY: HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE, 2011–2018 (\$MILLION)

TABLE 82 ITALY: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 83 ITALY: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 84 SPAIN: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2011–2018 (\$THOUSAND)

TABLE 85 SPAIN: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2011–2018 (\$MILLION)

TABLE 86 SPAIN: HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE, 2011–2018 (\$MILLION)

TABLE 87 SPAIN: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 88 SPAIN: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 89 ROE: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2011–2018 (\$THOUSAND)

TABLE 90 ROE: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2011–2018 (\$MILLION)

TABLE 91 ROE: HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE, 2011–2018 (\$MILLION)

TABLE 92 ROE: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 93 ROE: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY TYPE, 2011–2018 (\$MILLION)

TABLE 94 ASIA: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2011–2018 (\$MILLION)

TABLE 95 ASIA: HUMAN IDENTIFICATION MARKET, BY APPLICATION, 2011–2018 (\$MILLION)

TABLE 96 ASIA: HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE, 2011–2018 (\$MILLION)

TABLE 97 ASIA: HUMAN IDENTIFICATION CNSUMABLES MARKET, BY TYPE,



2011-2018 (\$MILLION)

TABLE 98 ASIA: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET, BY

TYPE, 2011–2018 (\$MILLION)

TABLE 99 ROW: HUMAN IDENTIFICATION MARKET, BY TECHNOLOGY, 2011–2018 (\$MILLION)

TABLE 100 ROW: HUMAN IDENTIFICATION MARKET, BY APPLICATION,

2011-2018 (\$MILLION)

TABLE 101 ROW: HUMAN IDENTIFICATION MARKET, BY PRODUCT TYPE,

2011-2018 (\$MILLION)

TABLE 102 ROW: HUMAN IDENTIFICATION CONSUMABLES MARKET, BY TYPE,

2011-2018 (\$MILLION)

TABLE 103 ROW: HUMAN IDENTIFICATION ASSAY KITS & REAGENTS MARKET,

BY TYPE, 2011-2018 (\$MILLION)

TABLE 104 RECENT NEW PRODUCT LAUNCHES

TABLE 105 RECENT PARTNERSHIPS, AGREEMENTS, & COLLABORATIONS

TABLE 106 RECENT EXPANSIONS

TABLE 107 RECENT ACQUISITIONS

**TABLE 108 APPROVALS** 



## **About**

The global human identification market deals with DNA profiling, which is used for criminal and legal investigations. The human identification market is segmented on the basis of application, technology, products, and geography. Based on application, the human identification market is segmented into forensic, paternity testing, and others. The other applications include human trafficking, population genetics, anthropology, and disaster victim identification. Based on technology, the market is further sub divided into PCR, automated liquid handling, microarray capillary electrophoresis, next generation sequencing, nucleic acid purification and extraction, and rapid DNA analysis. The human identification products' market includes consumables, services, and software.

The growth of human identification market is likely to be driven by the rising awareness regarding new and advanced technology present in the market and the need for reducing time and cost of DNA analysis.

Government initiatives, in the form of grants and funds, have provided the much needed impetus to the market. Technological advancements, due to which new and innovative products are being launched, are driving the growth of the market. The relatively untapped market of the Asian region and the advent of next generation sequencing technology have opened an array of opportunities for human identification market to grow. However, price erosion of instruments may restrain the growth of this market.

The key players in the human identification market include Agilent Technologies (U.S.), Bode Technology Group, Inc. (U.S.), GE Healthcare (U.K.), Illumina Inc. (U.S.), Laboratory Corporation of America Holdings (U.S.), Promega Corporation (U.S.), QIAGEN (Netherlands), and Thermo Fisher Scientific (U.S.).



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