

Global DNA Forensics Market

Market Research Report | 2025-07-10 | 136 pages | BCC Research

AVAILABLE LICENSES:

- Single User License \$4650.00
- 2-5 Users License \$5580.00
- Site License \$6696.00
- Enterprise License \$8035.00

Report description:

Description

Report Scope

This report analyzes trends in the global DNA forensics market. The market is segmented based on product types, sources, techniques, applications, end users and regions. The product type segment comprises kits and consumables, equipment, and software. The source segment includes blood, bones, hair and others. The technique segment comprises polymerase chain reaction (PCR), amplification, short tandem repeat (STR), capillary electrophoresis (CE), next-generation sequencing (NGS) and others. In terms of application, the market has been categorized into criminal testing, paternity and familial testing, and others. End users include forensic laboratories, research institutes and others.

The report focuses on the significant trends and challenges that affect the market and vendor landscape. It analyzes patents and emerging technologies related to the market. The report also examines the competitive landscape and industry structure and concludes with profiles of the leading companies.

This report segments the DNA forensic market by geographical region into North America, Europe, Asia-Pacific, the Middle East and Africa (MEA), and South America. The North American region includes the U.S., Canada and Mexico. Europe includes Germany, the U.K., Italy, France, Spain and the Rest of Europe; Asia-Pacific includes China, Japan, India, South Korea, Australia and the Rest of Asia-Pacific. The Middle East and Africa include the Middle East and Africa regions. The South American region comprises Brazil, Argentina and the rest of South America. The report covers global revenue (\$ millions) for the base year 2024 and forecast values for 2025 through 2030.

Report Includes

- 88 data tables and 41 additional tables
- An overview of the global market for DNA forensics
- An analysis of the global market trends, with market revenue data from 2022 to 2024, estimates for 2025, and projected CAGRs through 2030
- Evaluation of the current and future market potential, and quantification of the market by product type, DNA source,

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

technique/technology type, application, end user, and region

- Facts and figures pertaining to market dynamics, technological advances, regulations and the impact of macroeconomic factors
- Insights derived from Porter's Five Forces model, as well as global supply chain analysis
- Impact of U.S. tariff laws on the DNA forensics market
- Patent analysis, featuring key granted and published patents
- Overview of sustainability trends and ESG developments, with emphasis on consumer attitudes, as well as the ESG risk ratings and practices of leading companies
- Analysis of the industry structure, including companies' market shares and rankings, strategic alliances, M&A activity and a venture funding outlook
- Profiles of the leading companies, including Thermo Fisher Scientific Inc., QIAGEN, Promega Corp., Illumina Inc., and Agilent Technologies, Inc.

Executive Summary

Summary:

The global market for DNA forensics is projected to grow from an estimated \$3.3 billion in 2025 to \$4.7 billion by the end of 2030, at a compound annual growth rate (CAGR) of 7.7% from 2025 to 2030.

DNA forensics can be applied to criminal justice, civil proceedings, and humanitarian intervention. It is the scientific method of analyzing and comparing an individual's DNA to establish the identity of biological relationships in a legal context. It also aids in identifying suspects and linking them to crime scenes through biological means in criminal investigations. It is crucial in absolving the innocent and resolving cold cases. DNA forensics is also utilized in civil matters for paternity and family relationship testing. Additionally, it plays a vital role in identifying victims of war or accidents. It also assists in the search for missing persons and in establishing identity in immigration proceedings. Its accuracy and reliability render it one of the pillars of contemporary forensic science.

The rising prevalence of criminal offenses worldwide has elevated the demand for reliable forensic equipment, with DNA profiling becoming a necessary tool in solving crimes and identifying suspects. Government programs and legislative requirements to collect and store DNA profiles have also increased forensic databases, cross-border collaborations and information sharing among law enforcement agencies. These are the factors responsible for market growth.

Table of Contents:

Table of Contents

Chapter 1 Executive Summary

Market Outlook

Scope of Report

Market Summary

Technological Advances

Market Dynamics and Growth Drivers

Segmental Analysis

Regional Analysis

Conclusion

Chapter 2 Market Overview

Overview

Future Outlook

Macroeconomic Factors Analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Impact of U.S. Tariff Laws on the DNA Forensics Market
Government Spending
Porter's Five Forces Analysis
Potential for New Entrants
Threat of Substitutes
Bargaining Power of Suppliers
Bargaining Power of Buyers
Degree of Competition
Chapter 3 Market Dynamics
Market Dynamics
Market Drivers
Rising Crime Rates
Government Funding for Forensic Science
Technological Developments in Paternity and Familial Testing
Market Restraints
High Costs of Advanced Technologies
Ethical Concerns
Lack of Standardization Protocols
Market Opportunities
Database Development and Utilization
Expansion in Emerging Countries
Chapter 4 Regulatory Landscape
Regulatory Overview
The U.S.
Europe
China
Japan
India
Chapter 5 Emerging Technologies
Key Takeaways
Overview
Newest Technologies/Trends
NGS
NGI System
Automated Firearm Identification
Artificial Intelligence
Nanomaterials
NanoPore DNA Sequencing
Patent Analysis
Key Takeaways
Patents, by Year
Patents, by Leading Jurisdiction
Patents, by Leading Inventor
Chapter 6 Market Segment Analysis
Key Market Trends
Segmentation Breakdown
Market Analysis by Product Type

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Key Takeaways
Kits and Consumables
Equipment
Software
Market Analysis by Source
Key Takeaways
Blood
Bones
Hair
Others
Market Analysis by Technique
Key Takeaways
PCR Amplification
Short Tandem Repeat
Capillary Electrophoresis
NGS
Others
Market Analysis by Application
Key Takeaways
Criminal Testing
Paternity and Familial Testing
Others
Market Analysis by End User
Key Takeaways
Forensic Laboratories
Research Institutes
Others
Geographic Breakdown
Market Analysis by Region
Key Takeaways
North America
Europe
Asia-Pacific
Middle East and Africa
South America
Chapter 7 Competitive Intelligence
Key Takeaways
Overview
Ranking of Companies in the Industry
Methodology for Ranking
Chapter 8 Sustainability in the DNA Forensics Industry: An ESG Perspective
Sustainability in the Global DNA Forensics Industry
ESG Risks and Ratings: Understanding the Data
Concluding Remarks on ESG
Chapter 9 Appendix
Research Methodology
Sources

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Company Profiles

ABBOTT

AGILENT TECHNOLOGIES INC.

BIO-RAD LABORATORIES INC.

DANAHER CORP.

EASYDNA

F. HOFFMANN-LA ROCHE LTD.

GORDIZ

ILLUMINA INC.

LABCORP.

MERCK KGAA

NMS LABS

PROMEGA CORP.

QIAGEN

THERMO FISHER SCIENTIFIC INC.

ZYMO RESEARCH CORP.

Emerging Startups/SMEs

ANDE Corp.

ParabonNanoLabs, Inc.

Nebula Genomics, Inc.

Element Biosciences

Ultima Genomics

CRI Genetics

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Global DNA Forensics Market

Market Research Report | 2025-07-10 | 136 pages | BCC Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4650.00
	2-5 Users License	\$5580.00
	Site License	\$6696.00
	Enterprise License	\$8035.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-06-09"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

