Forensic Swab Market Research Report - Global Forecast to 2023

Global Forensic Swab Market Research Report: Information by Type (Foam, Flocked and Cotton), Type of Swab Shaft (Wood-stick Shaft and Polystyrene Shaft), End User (Forensic Science Laboratories and Hospitals) and Region (Americas, Europe, Asia-Pacific and the Middle East & Africa) - Forecast till 2023

The Global Forensic Swab Market is expected to register 5.8% CAGR and is anticipated to reach USD 49.09 Million by 2023. Forensic swabs are extensively used by forensic scientists and crime scene investigators for collecting a wide range of evidence-samples such as blood, saliva, and DNA. These samples are analyzed in the laboratory for desired results. Gathering biological samples for successive DNA analysis is one of the major applications for forensic swabs. Rising criminal activities, increasing adoption of DNA forensics, growing forensic biotechnology sector, and favorable government support are some of the major factors driving the market growth during the forecast period. However, factors such as the high price of DNA free forensic swabs and irregular supply of new products in the market are projected to restrain the market growth. However, the growing rate of chronic and infectious diseases, increased research and development investment (R&D), and technological advancements are expected to boost the market growth.

Market Dynamics

The past few years, there has been an increase in criminal activities and reported crimes has increased. According to crime statistics published by the Federal Bureau of Investigation, approximately 17,250 murders were estimated to be reported within the US in 2016. The government support for forensics-related activities is one of the major factors driving the global forensic swab market. The judicial framework of various countries has realized the importance of forensics. Currently, forensics is being utilized as toxicology forensics, DNA forensics, and others for investigating criminal offenses. According to a report on forensic science published by the National Criminal Justice Reference Service, the National Institute of Justice received a funding of USD 125 million through the Department of Justice Appropriations Act in 2017 for boosting DNA and other related forensic programs and activities and sexual assault forensic exams.

Global Forensic Swab Market Size, by End User, 2017 and 2023 (USD Million)

Source: MRFR Analysis
**Segmentation**

The global forensic swab market has been segmented into type, type of swab shaft, and end user.

**Based on type,** the global market has been segmented into foam, flocked, and cotton.

**Based on type of swab shaft,** the global market has been segmented into wood-stick shaft, polystyrene shaft.

**Based on end user,** the global market has been divided into forensic science laboratories and hospitals.

**Key Players**


**Global Forensic Swab Market Share, by Region, 2017 (%)**

![Chart showing regional market share]

**Source:** MRFR Analysis

**Regional Analysis**

The global forensic swab market, based on region, is segmented into the Americas, Europe, Asia-Pacific, and the Middle East & Africa.

The Americas is estimated to dominate the global forensic swab market during the forecast period, with the largest market share of **USD 34.61 million** in 2017. The region is expected to reach **USD 19.29 million** by 2023 at **6.0% CAGR** from 2018 to 2023. The Americas accounts for the largest regional market owing to the growing number of forensic labs, growing crime cases, and various blood sampling. According to the historical numbers published by the National Criminal Justice Reference Service in July 2014, the National DNA Index System (NDIS) contained 571,000 forensic profiles. Additionally, an increase in the number of forensic laboratories and a rise in the number of microbiological tests and hospitals support the swab market in this region.

Europe accounted for the second-largest market share in 2017 due to the increasing number of hospitals, research labs, and rising accidental cases, which is likely to increase the demand for swabs in the region during the forecast period.

Asia-Pacific is expected to hold the third-largest market share during the forecast period owing to the increasing prevalence of various diseases, demand for blood sampling, and a growing number of forensic labs. On the other hand, the Middle East & Africa is expected to observe a slow growth due to less exposure to forensic labs and lack of awareness in this region.

**Key Updates**

- In September 2018, Puritan Medical Products received the US patent for Ultra swab and HydraFlock swab. These
swabs are highly efficient with their proprietary flocking processes and unique microstructure properties.

- In April 2018, Sirchie one of the leading manufacturers of criminal investigations and forensic science solutions was awarded International Organization of Standardization (ISO) 9001:2015 certification from DEKRA Certification, Inc. for its high-quality products.


Market Segmentation

Global Forensic Swab Market, by Type

- Foam
- Flocked
- Cotton

Global Forensic Swab Market, by Type of Swab Shaft

- Wood-Stick Shaft
- Polystyrene Shaft

Global Forensic Swab Market, by End User

- Forensic Science Laboratories
- Hospitals

Global Forensic Swab Market, by Region

- Americas
  - North America
    - US
    - Canada
  - Latin America
- Europe
  - Western Europe
    - Germany
    - UK
    - France
    - Italy
    - Spain
    - Rest of Western Europe
  - Eastern Europe
- Asia-Pacific
  - China
  - Japan
  - India
  - Australia
  - South Korea
  - Rest of Asia-Pacific
- Middle East & Africa
  - Middle East
  - Africa

Available Additional Customizations

- Additional Companies
  - GENTUERI
  - Puritan Medical Products.
- Supply & Demand Analysis

Intended Audience

- Government research organizations
- Hospitals and clinics
Infographic Summary:

GLOBAL FORENSIC SWAB MARKET

BY REGION 2017 (%)

- Americas: 38.8%
- Europe: 6%
- Asia Pacific: 20%
- Middle East & Africa: 10%

BY TYPE 2017 (%)

- Foam: XX%
- Flocked: XX%
- Cotton Tips: 43.8%

BY TYPE OF SWAB SHAFT 2017 (%)

- Wood-stick Shaft: 51.8%
- Polystyrene Shaft: XX%
- Others: XX%

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