

Microbial Identification Market by Product & Service (Instrument & Software, Consumable, Service), Method (Phenotypic, Proteomic), Technology (Mass Spectrometry, PCR), Application (Diagnostic, Food Testing), End User (Hospital) - Global Forecast to 2025

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

Date: October 2020

Pages: 220

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

ID: MBGERCNLCZEN

Abstracts

The global microbial identification market size is estimated to be USD 3.2 billion in 2020 and projected to reach USD 5.7 billion by 2025, at a CAGR of 12.2%. Growth in this market is largely driven by the rising incidence of infectious diseases and the increasing frequency of pandemics, technological advancements, increasing food safety concerns, and increasing government initiatives and funding to detect and control antimicrobial-resistant species

“By consumables type segment, the panels/ID cards & media segment accounted for the fastest growing consumable segment of the microbial identification market”

On the basis of product & service type, the consumables segment is further segmented into panels/ID cards & media, kits and other consumables. The panels/ID cards & media accounted for the fastest growing segment of the consumables segment. Panels, ID cards, and media enable the easy and rapid identification of microorganisms and is a key factor driving market growth

“By application, the diagnostic applications segment accounted for the largest share of the microbial identification market”

Based on application, the microbial identification market is categorized into six segments— diagnostic applications, pharmaceutical applications, food testing, beverage testing, cosmetics and personal care products testing, environmental applications, and

other applications. The diagnostic applications accounted for the largest share of application segment due to the increasing use of microbial identification to diagnose infectious diseases in humans and animals.

“Asia Pacific: The fastest-growing region in the microbial identification market.”

The Asia Pacific region is estimated to grow at the highest CAGR in the microbial identification market during the forecast period, this is mainly due to the improving healthcare infrastructure, the heavy burden of infectious diseases, growing initiatives to control the spread of infectious diseases, and increasing investments by leading players in this region

“North America: the largest share of the microbial identification market”

North America accounted for the largest share of the microbial identification market. Technological advancements in microbial identification, increasing prevalence of infectious diseases, growing food safety concerns, and the presence of prominent players are the major drivers of the North American market.

Breakdown of primaries

The study contains insights from various industry experts, ranging from component suppliers to Tier 1 companies and OEMs. The break-up of the primaries is as follows:

By Respondent— Supply Side- 80%, Demand Side-20%

By Designation— CXOs - 20%, Executives - 25%, Mangers - 55%

By Region— North America - 45%, Europe - 20%, APAC – 25%, RoW- 10%

The microbial identification market is dominated by a few globally established players such as bioMérieux SA (France), Becton, Dickinson and Company (US), Thermo Fisher Scientific Inc. (US), Danaher Corporation (US), Merck KGaA (Germany), Bruker Corporation (US), Shimadzu Corporation (Japan), QIAGEN NV (Netherlands), Biolog, Inc. (US), Avantor, Inc. (US), Accelerate Diagnostics, Inc. (US), Liofilchem S.r.l. (Italy), Trivitron Healthcare (India), Gradian Diagnostics (US), Alifax S.r.l. (Italy), Himedia Laboratories (India), I2A SA (France), Zhuhai DL Biotech Co., Ltd. (China), Genfluidics, Inc. (US), Creative Diagnostics (US), Synoptics Ltd. (UK), Novacyt Group

(France), vermicon AG (Germany), and ELITechGroup (France), and PromoCell GmbH (Germany)

Research Coverage:

The report segments the microbial identification market based on region (Asia Pacific, Europe, North America, and RoW), product & service (instruments & software, consumables and services), method (phenotypic, proteomic-based, and genotypic), technology (mass spectrometry, PCR, flow cytometry, microscopy, and other microbial identification technologies), application (diagnostic applications, pharmaceutical applications, food testing, beverage testing, cosmetics and personal care products testing, environmental applications, and other applications), end user (hospitals, diagnostic laboratories, and blood banks; pharmaceutical companies & CROs; food manufacturing companies; beverage manufacturing companies; and other end users). The report also provides a comprehensive review of market drivers, restraints, opportunities, challenges and trends in the microbial identification market.

Key Benefits of Buying the Report:

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

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*Details on Business Overview, Products Offered, Recent Developments, and MnM View might not be captured in case of unlisted companies.

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About

The global microbial identification market is expected to grow at a CAGR of XX% to reach \$XX million by 2019 from \$XX million in 2014. This growth can be attributed to the high prevalence of infectious diseases coupled with pandemic incidents. Moreover, technological advancements, increasing food safety concerns, rise in the healthcare expenditure, focus on development of healthcare infrastructure, and government initiatives and funding are all factors that are expected to drive the market growth. However, factors such as complex regulatory frameworks for product approval and high costs of automated microbial identification systems are likely to restrain the growth of this market.

The global microbial identification market is broadly segmented by product, method, application, end User, and geography. On the basis of products, the market is categorized into consumables, instruments and software, and services. Consumables form the largest revenue-generating segment of the global microbial identification market, owing to the growth in the demand for microbial identification in the discovery of infectious diseases. On the basis of methods, the microbial identification market is segmented into phenotypic and genotypic methods.

Among the various applications of microbial identification, diagnostic applications are expected to lead the market. The microbial identification market, by end User, is further segmented on the basis of detection and enumeration applications, microbial characterization applications, and culture collection repositories. On the basis of geography, the microbial identification market is divided into North America, Europe, Asia-Pacific, and the Rest of the World (RoW).

In 2014, North America is expected to account for the largest share of the microbial identification market, followed by Europe, which is expected to possess a slightly smaller market share than North America. The North American and European conventional microbial identification markets are likely to enter into a maturity phase of growth and will register moderate growth rates over the next five years. The Asia-Pacific region, on the other hand, is poised to grow at the highest rate, owing to increasing investment opportunities for companies in these immature markets, extended support from the government, and relaxed monitoring regulations in the implementation of procedures, policies, and guidelines of microbial identification to promote innovation and commercialization. Countries such as China, India, Australia, and Brazil are expected to be the major contributors to the growth of this market.

The major players in the microbial identification market include bioMérieux SA (France), Bruker Corporation (U.S.), Thermo Fisher Scientific, Inc. (U.S.), and Siemens Healthcare (Germany).

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