

Global Clinical Microbiology Market Report and Forecast 2023-2028

Market Report | 2023-03-30 | 210 pages | EMR Inc.

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Report description:

Global Clinical Microbiology Market Report and Forecast 2023-2028

Market Outlook

According to the report by Expert Market Research (EMR), the global clinical microbiology market attained a value of USD 4137.9 million in 2022. Aided by the increasing prevalence of infectious diseases and the growing demand for advanced diagnostic techniques, the market is projected to further grow at a CAGR of 6.6% between 2023 and 2028 to reach a value of USD 6052.12 million by 2028.

Clinical microbiology is a field of medicine that focuses on the recognition, diagnosis, therapy, and prevention of infectious diseases caused by different microorganisms, including bacteria, viruses, fungi, and parasites. Clinical microbiology laboratories play a crucial role in the management of infectious diseases by providing timely and accurate diagnostic information to healthcare providers, which is essential for guiding patient care and infection control measures.

One of the key factors driving the global clinical microbiology market growth is the increasing prevalence of infectious diseases, such as respiratory infections, sexually transmitted infections, and hospital-acquired infections, among others. The rising incidence of these diseases has led to a growing demand for rapid and accurate diagnostic techniques, which has, in turn, boosted the market for clinical microbiology. The growing demand for advanced diagnostic techniques is another factor propelling the growth of the clinical microbiology market. The advanced techniques allow for the rapid diagnosis of infectious diseases, enabling timely initiation of appropriate treatment and prevention of disease transmission.

Furthermore, the increasing focus on public health surveillance and the implementation of stringent infection control measures in healthcare settings are expected to contribute to the clinical microbiology market expansion. Public health surveillance systems rely on accurate and timely data from clinical microbiology laboratories for monitoring disease trends and guiding public health interventions. Additionally, healthcare-associated infections are a major concern in hospitals and other healthcare facilities, and clinical microbiology plays a vital role in their prevention and control by identifying the causative microorganisms and their antimicrobial susceptibility patterns.

Another trend positively impacting the global clinical microbiology market demand is the rising demand for point-of-care (POC) diagnostic tests. POC tests are designed to be used at or near the site of patient care, allowing for rapid diagnosis and treatment of infectious diseases. The growing availability of POC tests for various pathogens, as well as their ease of use, rapid turnaround

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time, and potential cost savings, are driving the adoption of these tests in clinical settings, thereby bolstering the clinical microbiology market growth.

Market Segmentation

The market can be divided based on product, application, and region.

Market Breakup by Product

- Laboratory Instruments
 - o□ Incubators
 - o□ Gram Stainers
 - o□ Bacterial Colony Counters
 - o□ Autoclave Sterilisers
 - o□ Petri Dish Fillers
 - o□ Automated Cell Culture Systems
- Microbiology Analysers
 - o□ Molecular Diagnostic Instrument
 - o□ Microscopes
 - o□ Mass Spectrometers
- Reagents

Market Breakup by Application

- Respiratory Diseases
- Bloodstream Infections
- Gastrointestinal Diseases
- Urinary Tract Infections
- Sexually Transmitted Diseases
- Periodontal Disease
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and acquisitions and mergers, among other major developments, of the global clinical microbiology companies. Some of the major key players explored in the report by Expert Market Research are as follows:

- bioMérieux SA
- Abbott Laboratories
- F. Hoffmann-La Roche Ltd
- Bio-Rad Laboratories, Inc.
- Becton, Dickinson and Company
- Others

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Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
 - 3.1 Market Definition and Outlook
 - 3.2 Properties and Applications
 - 3.3 Market Analysis
 - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
 - 5.1 Overview
 - 5.2 Key Drivers
 - 5.3 Key Developments
 - 5.4 Competitive Structure
 - 5.5 Key Industrial Trends
- 6 Snapshot
 - 6.1 Global
 - 6.2 Regional
- 7 Opportunities and Challenges in the Market
- 8 Global Clinical Microbiology Market Analysis
 - 8.1 Key Industry Highlights
 - 8.2 Global Clinical Microbiology Historical Market (2018-2022)
 - 8.3 Global Clinical Microbiology Market Forecast (2023-2028)
 - 8.4 Global Clinical Microbiology Market by Product
 - 8.4.1 Laboratory Instruments
 - 8.4.1.1 Market Share
 - 8.4.1.2 Historical Trend (2018-2022)
 - 8.4.1.3 Forecast Trend (2023-2028)
 - 8.4.1.3.1 Incubators
 - 8.4.1.3.2 Gram Stainers
 - 8.4.1.3.3 Bacterial Colony Counters
 - 8.4.1.3.4 Autoclave Sterilisers
 - 8.4.1.3.5 Petri Dish Fillers
 - 8.4.1.3.5 Automated Cell Culture Systems
 - 8.4.2 Microbiology Analysers
 - 8.4.2.1 Market Share
 - 8.4.2.2 Historical Trend (2018-2022)
 - 8.4.2.3 Forecast Trend (2023-2028)

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- 8.4.2.3.1 Molecular Diagnostic Instrument
 - 8.4.2.3.2 Microscopes
 - 8.4.2.3.3 Mass Spectrometers
 - 8.4.3 Reagents
 - 8.4.3.1 Market Share
 - 8.4.3.2 Historical Trend (2018-2022)
 - 8.4.3.3 Forecast Trend (2023-2028)
- 8.5 Global Clinical Microbiology Market by Application
 - 8.5.1 Respiratory Diseases
 - 8.5.1.1 Market Share
 - 8.5.1.2 Historical Trend (2018-2022)
 - 8.5.1.3 Forecast Trend (2023-2028)
 - 8.5.2 Bloodstream Infections
 - 8.5.2.1 Market Share
 - 8.5.2.2 Historical Trend (2018-2022)
 - 8.5.2.3 Forecast Trend (2023-2028)
 - 8.5.3 Gastrointestinal Diseases
 - 8.5.3.1 Market Share
 - 8.5.3.2 Historical Trend (2018-2022)
 - 8.5.3.3 Forecast Trend (2023-2028)
 - 8.5.4 Urinary Tract Infections
 - 8.5.4.1 Market Share
 - 8.5.4.2 Historical Trend (2018-2022)
 - 8.5.4.3 Forecast Trend (2023-2028)
 - 8.5.5 Sexually Transmitted Diseases
 - 8.5.5.1 Market Share
 - 8.5.5.2 Historical Trend (2018-2022)
 - 8.5.5.3 Forecast Trend (2023-2028)
 - 8.5.6 Periodontal Disease
 - 8.5.6.1 Market Share
 - 8.5.6.2 Historical Trend (2018-2022)
 - 8.5.6.3 Forecast Trend (2023-2028)
 - 8.5.7 Others
- 8.6 Global Clinical Microbiology Market by Region
 - 8.6.1 North America
 - 8.6.1.1 Market Share
 - 8.6.1.2 Historical Trend (2018-2022)
 - 8.6.1.3 Forecast Trend (2023-2028)
 - 8.6.2 Europe
 - 8.6.2.1 Market Share
 - 8.6.2.2 Historical Trend (2018-2022)
 - 8.6.2.3 Forecast Trend (2023-2028)
 - 8.6.3 Asia Pacific
 - 8.6.3.1 Market Share
 - 8.6.3.2 Historical Trend (2018-2022)
 - 8.6.3.3 Forecast Trend (2023-2028)
 - 8.6.4 Latin America

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- 8.6.4.1 Market Share
- 8.6.4.2 Historical Trend (2018-2022)
- 8.6.4.3 Forecast Trend (2023-2028)
- 8.6.5 Middle East and Africa
 - 8.6.5.1 Market Share
 - 8.6.5.2 Historical Trend (2018-2022)
 - 8.6.5.3 Forecast Trend (2023-2028)
- 9 North America Clinical Microbiology Market Analysis
 - 9.1 United States of America
 - 9.1.1 Market Share
 - 9.1.2 Historical Trend (2018-2022)
 - 9.1.3 Forecast Trend (2023-2028)
 - 9.2 Canada
 - 9.2.1 Market Share
 - 9.2.2 Historical Trend (2018-2022)
 - 9.2.3 Forecast Trend (2023-2028)
- 10 Europe Clinical Microbiology Market Analysis
 - 10.1 United Kingdom
 - 10.1.1 Market Share
 - 10.1.2 Historical Trend (2018-2022)
 - 10.1.3 Forecast Trend (2023-2028)
 - 10.2 Germany
 - 10.2.1 Market Share
 - 10.2.2 Historical Trend (2018-2022)
 - 10.2.3 Forecast Trend (2023-2028)
 - 10.3 France
 - 10.3.1 Market Share
 - 10.3.2 Historical Trend (2018-2022)
 - 10.3.3 Forecast Trend (2023-2028)
 - 10.4 Italy
 - 10.4.1 Market Share
 - 10.4.2 Historical Trend (2018-2022)
 - 10.4.3 Forecast Trend (2023-2028)
 - 10.5 Others
- 11 Asia Pacific Clinical Microbiology Market Analysis
 - 11.1 China
 - 11.1.1 Market Share
 - 11.1.2 Historical Trend (2018-2022)
 - 11.1.3 Forecast Trend (2023-2028)
 - 11.2 Japan
 - 11.2.1 Market Share
 - 11.2.2 Historical Trend (2018-2022)
 - 11.2.3 Forecast Trend (2023-2028)
 - 11.3 India
 - 11.3.1 Market Share
 - 11.3.2 Historical Trend (2018-2022)
 - 11.3.3 Forecast Trend (2023-2028)

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- 11.4 ASEAN
 - 11.4.1 Market Share
 - 11.4.2 Historical Trend (2018-2022)
 - 11.4.3 Forecast Trend (2023-2028)
- 11.5 Australia
 - 11.5.1 Market Share
 - 11.5.2 Historical Trend (2018-2022)
 - 11.5.3 Forecast Trend (2023-2028)
- 11.6 Others
- 12 Latin America Clinical Microbiology Market Analysis
 - 12.1 Brazil
 - 12.1.1 Market Share
 - 12.1.2 Historical Trend (2018-2022)
 - 12.1.3 Forecast Trend (2023-2028)
 - 12.2 Argentina
 - 12.2.1 Market Share
 - 12.2.2 Historical Trend (2018-2022)
 - 12.2.3 Forecast Trend (2023-2028)
 - 12.3 Mexico
 - 12.3.1 Market Share
 - 12.3.2 Historical Trend (2018-2022)
 - 12.3.3 Forecast Trend (2023-2028)
 - 12.4 Others
- 13 Middle East and Africa Clinical Microbiology Market Analysis
 - 13.1 Saudi Arabia
 - 13.1.1 Market Share
 - 13.1.2 Historical Trend (2018-2022)
 - 13.1.3 Forecast Trend (2023-2028)
 - 13.2 United Arab Emirates
 - 13.2.1 Market Share
 - 13.2.2 Historical Trend (2018-2022)
 - 13.2.3 Forecast Trend (2023-2028)
 - 13.3 Nigeria
 - 13.3.1 Market Share
 - 13.3.2 Historical Trend (2018-2022)
 - 13.3.3 Forecast Trend (2023-2028)
 - 13.4 South Africa
 - 13.4.1 Market Share
 - 13.4.2 Historical Trend (2018-2022)
 - 13.4.3 Forecast Trend (2023-2028)
 - 13.5 Others
- 14 Market Dynamics
 - 14.1 SWOT Analysis
 - 14.1.1 Strengths
 - 14.1.2 Weaknesses
 - 14.1.3 Opportunities
 - 14.1.4 Threats

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- 14.2 Porter's Five Forces Analysis
 - 14.2.1 Supplier's Power
 - 14.2.2 Buyer's Power
 - 14.2.3 Threat of New Entrants
 - 14.2.4 Degree of Rivalry
 - 14.2.5 Threat of Substitutes
- 14.3 Key Indicators for Demand
- 14.4 Key Indicators for Price
- 15 Value Chain Analysis
- 16 Competitive Landscape
 - 16.1 Market Structure
 - 16.2 Company Profiles
 - 16.2.1 bioMerieux SA
 - 16.2.1.1 Company Overview
 - 16.2.1.2 Product Portfolio
 - 16.2.1.3 Demographic Reach and Achievements
 - 16.2.1.4 Certifications
 - 16.2.2 Abbott Laboratories
 - 16.2.2.1 Company Overview
 - 16.2.2.2 Product Portfolio
 - 16.2.2.3 Demographic Reach and Achievements
 - 16.2.2.4 Certifications
 - 16.2.3 F. Hoffmann-La Roche Ltd
 - 16.2.3.1 Company Overview
 - 16.2.3.2 Product Portfolio
 - 16.2.3.3 Demographic Reach and Achievements
 - 16.2.3.4 Certifications
 - 16.2.4 Bio-Rad Laboratories, Inc.
 - 16.2.4.1 Company Overview
 - 16.2.4.2 Product Portfolio
 - 16.2.4.3 Demographic Reach and Achievements
 - 16.2.4.4 Certifications
 - 16.2.5 Becton, Dickinson and Company
 - 16.2.5.1 Company Overview
 - 16.2.5.2 Product Portfolio
 - 16.2.5.3 Demographic Reach and Achievements
 - 16.2.5.4 Certifications
 - 16.2.6 Others
- 17 Key Trends and Developments in the Market

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