

# **Bloodstream Infection Testing Market Size, Trends, Analysis, and Outlook By Product (Reagents & Consumables, Instruments), By Sample Type (Whole Blood, Blood Culture), By Technology (PCR, Mass Spectroscopy, In Situ Hybridization, Others), By End-User (Hospitals & Diagnostic Centers, Custom Laboratory Service Providers, Academic & Research Institutes, Others), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Bloodstream Infection Testing market size is poised to register 7.93% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Bloodstream Infection Testing market across By Product (Reagents & Consumables, Instruments), By Sample Type (Whole Blood, Blood Culture), By Technology (PCR, Mass Spectroscopy, In Situ Hybridization, Others), By End-User (Hospitals & Diagnostic Centers, Custom Laboratory Service Providers, Academic & Research Institutes, Others).

The Bloodstream Infection Testing Market is experiencing notable growth and technological advancement in 2024 and beyond, driven by the increasing incidence of bloodstream infections, the emergence of multidrug-resistant pathogens, and the demand for rapid diagnostic tests, molecular assays, and point-of-care testing platforms for early detection, accurate identification, and antimicrobial susceptibility testing of bloodstream pathogens to guide targeted antibiotic therapy and improve patient outcomes in sepsis management. Bloodstream infections, a leading cause of morbidity and mortality worldwide, pose significant diagnostic and therapeutic challenges for

healthcare providers, requiring timely blood culture sampling, microbiological analysis, and antimicrobial stewardship interventions to identify causative pathogens, select appropriate antibiotics, and prevent treatment delays and complications associated with septic shock and organ dysfunction. Key trends include the development of multiplex molecular panels, syndromic testing algorithms, and automated blood culture systems with enhanced sensitivity, specificity, and turnaround times for rapid pathogen detection, identification, and antimicrobial susceptibility testing in bloodstream infections, enabling early intervention and targeted antibiotic therapy optimization in critically ill patients. Additionally, there is a growing emphasis on antimicrobial stewardship programs, clinical decision support tools, and quality improvement initiatives to promote judicious antibiotic use, reduce unnecessary antibiotic exposure, and combat the spread of antibiotic resistance in healthcare settings. Moreover, collaborative partnerships between diagnostic companies, clinical microbiology laboratories, and infectious disease specialists are essential for advancing bloodstream infection testing technologies, conducting clinical validation studies, and implementing evidence-based diagnostic algorithms that optimize sepsis diagnosis and treatment, reduce healthcare costs, and improve patient survival rates in critically ill patients with bloodstream infections.

## Bloodstream Infection Testing Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Bloodstream Infection Testing market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Bloodstream Infection Testing survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Bloodstream Infection Testing industry.

## Key market trends defining the global Bloodstream Infection Testing demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Bloodstream Infection Testing Market Segmentation- Industry Share, Market Size, and

## Outlook to 2030

The Bloodstream Infection Testing industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Bloodstream Infection Testing companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Bloodstream Infection Testing industry

Leading Bloodstream Infection Testing companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Bloodstream Infection Testing companies.

## Bloodstream Infection Testing Market Study- Strategic Analysis Review

The Bloodstream Infection Testing market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

## Bloodstream Infection Testing Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Bloodstream Infection Testing industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Bloodstream Infection Testing Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

## North America Bloodstream Infection Testing Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Bloodstream Infection Testing market segments. Similarly, Strong end-user demand is encouraging Canadian Bloodstream Infection Testing companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Bloodstream Infection Testing market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

## Europe Bloodstream Infection Testing Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Bloodstream Infection Testing industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Bloodstream Infection Testing market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing

effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Bloodstream Infection Testing Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Bloodstream Infection Testing in Asia Pacific. In particular, China, India, and South East Asian Bloodstream Infection Testing markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Bloodstream Infection Testing Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Bloodstream Infection Testing Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Bloodstream Infection Testing market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Bloodstream Infection Testing.

Bloodstream Infection Testing Market Company Profiles

The global Bloodstream Infection Testing market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies,

and financial profiles. Leading companies included in the study are Accelerate Diagnostics Inc, Becton, Dickinson and Company, bioMérieux SA, Bruker, Cepheid., F. Hoffmann-La Roche Ltd, Luminex Corp, Seegene Inc, Siemens Healthcare Ltd, T2 Biosystems Inc

## Recent Bloodstream Infection Testing Market Developments

The global Bloodstream Infection Testing market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Bloodstream Infection Testing Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

## Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

## Market Segmentation:

*Bloodstream Infection Testing Market Size, Trends, Analysis, and Outlook By Product (Reagents & Consumables, I...*

By Product

Reagents & Consumables

Instruments

By Sample Type

Whole Blood

Blood Culture

By Technology

PCR

Mass Spectroscopy

In Situ Hybridization

Others

By End-user

Hospitals & Diagnostic Centers

Custom Laboratory Service Providers

Academic & Research Institutes

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Accelerate Diagnostics Inc

Becton, Dickinson and Company

bioMérieux SA

Bruker

Cepheid.

F. Hoffmann-La Roche Ltd

Luminex Corp

Seegene Inc

Siemens Healthcare Ltd

T2 Biosystems Inc

Formats Available: Excel, PDF, and PPT



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Instruments

By Sample Type

Whole Blood

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By Technology

PCR

Mass Spectroscopy

In Situ Hybridization

Others

By End-user

Hospitals & Diagnostic Centers

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Bruker  
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F. Hoffmann-La Roche Ltd  
Luminex Corp  
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Siemens Healthcare Ltd  
T2 Biosystems Inc

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