

Blood Culture Test Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Blood Culture Test Market Overview 2023-2028:

The global blood culture test market size reached US\$ 4.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 7.7 Billion by 2028, exhibiting a growth rate (CAGR) of 8.5% during 2023-2028.

A blood culture test refers to a medical procedure that is conducted to diagnose bacterial, fungal and mycobacterial infections. It is performed for the identification of various microorganisms in the blood sample and for preventing the development of sepsis conditions. The results of the culture test can aid in determining the specific pathogens that are causing the infection and possible ways for combating the disease. It utilizes products including blood culture media, assay kits, reagents, and blood culture accessories, and instruments such as automated blood culture systems and supporting laboratory equipment.

Blood Culture Test Market Trends:

The increasing prevalence of chronic and infectious diseases across the globe is one of the key factors driving the growth of the market. Furthermore, the growing geriatric population that is more susceptible to sepsis and other medical ailments is also providing a boost to the market growth. Additionally, the growing demand for blood culture tests to analyze specimens, due to the outbreak of the COVID-19 pandemic, is acting as another major growth-inducing factor. Laboratories, diagnostic centers and other healthcare institutes are now increasingly using these tests for detecting the presence of antibodies in the blood and identifying and isolating the infected individuals.

Other factors, including the rising health consciousness among the masses, improvements in the healthcare infrastructure and extensive research and development (R&D) activities in the field of medical sciences, are projected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global blood culture test market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on testing method, product, technology, application and end-user.

Breakup by Testing Method:

Conventional

Automated

Breakup by Product:

Consumables

Blood Culture Media

Aerobic Blood Culture Media

Anaerobic Blood Culture Media

Fungi/Yeast Blood Culture Media

Mycobacteria Blood Culture Media

Assay Kits and Reagents

Blood Culture Accessories

Instruments

Automated Blood Culture Systems

Supporting Laboratory Equipment

Incubators

Colony Counters

Microscopes

Gram Stainers

Software and Services

Breakup by Technology:

Culture-based Technology

Molecular Technology

Microarray

PCR

PNA-FISH

Proteomic Technology

Others

Breakup by Application:

Bacterial Infections

Fungal Infections

Mycobacterial Infections

Breakup by End-User:

Hospital Laboratories

Reference Laboratories

Research Laboratories

Others

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Abbott Laboratories, Danaher Corporation, Becton, Dickinson and Company, bioMeriux SA, Bruker Corporation, Luminex Corporation, Merck KGaA, Siemens Healthcare GmbH, F.Hoffmann-La Roche Ltd., T2 Biosystems Inc. and Thermo Fisher Scientific Company.

Key Questions Answered in This Report

1. What was the size of the global blood culture test market in 2022?
2. What is the expected growth rate of the global blood culture test market during 2023-2028?
3. What are the key factors driving the global blood culture test market?
4. What has been the impact of COVID-19 on the global blood culture test market?
5. What is the breakup of the global blood culture test market based on the testing

method?

6. What is the breakup of the global blood culture test market based on the product?
7. What is the breakup of the global blood culture test market based on technology?
8. What is the breakup of the global blood culture test market based on the application?
9. What is the breakup of the global blood culture test market based on the end user?
10. What are the key regions in the global blood culture test market?
11. Who are the key players/companies in the global blood culture test market?

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