

Global Sepsis Diagnostics Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

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Abstracts

Sepsis is a bloodstream infection in which there is a massive immune response and may lead to organ failure. The bloodstream infection arises from other organ infections such as skin, abdomen, lungs, and urinary tract. Patients with sepsis are treated in the intensive care unit and early treatment increases the chances of survival. According to the center for disease control, in 2008, \$14.6 billion was spent on hospitalization of sepsis patients. In most cases, sepsis is fatal and those who survive from sepsis may have permanent organ failure, physical disability, and cognitive impairment. Diagnosis of sepsis is difficult as its signs and symptoms are like other infections. There are different tests for the confirmation of sepsis such as blood tests, urine test, wound secretion test, respiratory secretions, and imaging scans such as X-ray, CT scan, ultrasound, and magnetic resonance. The global sepsis diagnostics market is expected to grow at a CAGR of 9.2% from 2017 to 2025.

Based on product type, the market is divided into blood culture media, instruments, assays & reagents, and software. According to technology, the market is divided into immunoassays, flow cytometry, microbiology, and molecular diagnostics. Based on method, the market is bifurcated into conventional diagnostics and automated diagnostics. According to usability, the market is segmented as laboratory testing and point-of-care testing. Pathogen is segmented as fungal sepsis, bacterial sepsis, gram-positive bacterial sepsis, gram-negative bacterial sepsis, and others. Geographic breakdown and deep analysis of each of the aforesaid segments is included for North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Increase in geriatric population.

Rising number of hospital based infections.

Increase in healthcare expenditure.

Technological advancements.

Restraints:

Shortage of skilled professionals.

Lack of standard protocols for the diagnosis of sepsis.

MARKET PLAYERS:

The top players in the global sepsis diagnostics market include T2 Biosystems, Inc., bioMérieux SA, Thermo Fisher Scientific Inc., Cepheid, Nanosphere, Inc., Abbott Laboratories, Becton, Dickinson and Company, Roche Diagnostics Limited, Bruker Corporation, and Beckman Coulter, Inc.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Product

Blood Culture Media

Instruments

Assays & Reagents

Software

By Technology

Immunoassays

Flow Cytometry

Microbiology

Molecular Diagnostics

By Method

Conventional Diagnostics

Automated Diagnostics

By Usability

Laboratory Testing

Point-of-care Testing

By Pathogen

Fungal Sepsis

Bacterial Sepsis

Gram-positive Bacterial Sepsis

Gram-negative Bacterial Sepsis

Others

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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