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Point of Care Coagulation Testing Devices Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Device Type (Anticoagulation Monitoring Devices, Platelet Function Monitoring Devices, Viscoelastic Coagulation Monitoring Devices, Others), By Product (Instruments/Analyzers, Consumables & Accessories), By End User (Hospitals, Clinics, Home Care Settings, Others), By Region and Competition, 2020-2030F

https://marketpublishers.com/r/P5419CBFA889EN.html
Date: July 2025
Pages: 183
Price: US$ 4,500.00 (Single User License)
ID: P5419CBFA889EN

Abstracts

Market Overview

The Global Point of Care Coagulation Testing Devices Market was valued at USD 1.84 Billion in 2024 and is projected to reach USD 2.58 Billion by 2030, growing at a CAGR of 5.79% during the forecast period. This market is experiencing strong momentum, driven by the growing prevalence of thrombotic and bleeding disorders such as deep vein thrombosis (DVT), pulmonary embolism, myocardial infarction, hemophilia, and von Willebrand disease.

These conditions, increasingly common due to aging populations and lifestyle-related factors, demand frequent and timely coagulation monitoring—especially among patients undergoing long-term anticoagulant therapies. The need for rapid diagnostics in emergency rooms, surgical units, anticoagulation clinics, and home healthcare is fueling demand for point of care (POC) coagulation devices that deliver accurate results in minutes.

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A notable trend driving this market is the healthcare industry's shift toward decentralized diagnostics, favoring portable, easy-to-use devices over traditional, centralized lab testing. This transformation is enhancing clinical decision-making, minimizing procedural delays, and improving patient care across a variety of care settings.

Key Market Drivers

Rising Prevalence of Cardiovascular and Hemostatic Disorders

The rising burden of cardiovascular diseases (CVDs) and hemostatic disorders is a primary growth catalyst. According to the World Health Organization, CVDs are responsible for approximately 17.9 million deaths annually, accounting for 32% of all global fatalities. One-third of these occur prematurely, before the age of 70.

In the United States alone, CVDs caused 930,000 deaths in 2020, making them the leading cause of mortality. Similarly, 2.2 million deaths across the Americas in 2021 were attributed to cardiovascular conditions. Despite a decline in mortality rates over recent decades, the absolute number of cases remains high, driven by aging populations and lifestyle-related risk factors.

Key Market Challenges

High Cost of Devices and Consumables

One of the most significant barriers to market growth is the high cost associated with POC coagulation testing systems. These devices often involve substantial upfront capital investment, particularly when equipped with wireless connectivity, data integration tools, and automated features.

Recurring expenses on test cartridges, reagents, maintenance, and software updates further strain hospital and clinic budgets—particularly in low-resource settings and developing regions. For home users, the cost of consumables over time can lead to reduced testing frequency or non-compliance, which compromises treatment safety and outcomes.

In public healthcare systems where budgets are constrained, procurement decisions often prioritize cost over long-term clinical value. Reimbursement inconsistencies further discourage adoption of these technologies in outpatient and remote care environments.

Additionally, premium-priced consumables for advanced coagulation tests such as TEG and ROTEM are often limited to larger, better-funded hospitals.

Key Market Trends

Integration of Digital Connectivity and Telehealth Solutions

One of the most transformative trends reshaping this market is the digital evolution of POC coagulation devices. Modern analyzers now feature Bluetooth and Wi-Fi capabilities, allowing for instant transmission of results to electronic health record (EHR) systems or secure cloud platforms.

This connectivity enables remote patient monitoring, particularly for individuals on anticoagulants such as warfarin or DOACs. Physicians can monitor INR/PT levels in real time, adjust dosages, and enhance treatment compliance—all without in-person visits.

Smartphone apps paired with these devices offer:

- Guided test procedures
- Visual display of results
- Trend analysis
- Real-time alerts and notifications

This ecosystem supports telehealth platforms, enabling virtual consultations and improving access in rural or home-based settings. Remote diagnostics, firmware updates, and device troubleshooting via apps are also streamlining usability and reducing support burdens.

Key Market Players

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F. Hoffmann-La Roche Ltd.

Abbott Laboratories

Werfen, S.A.

Siemens Healthineers

Helena Laboratories Corporation

Medtronic plc

Koninklijke Philips N.V.

Alere Inc.

HemoSonics, LLC

Sysmex Corporation

Market Segmentation

By Device Type:

Anticoagulation Monitoring Devices

Platelet Function Monitoring Devices

Viscoelastic Coagulation Monitoring Devices

Others

By Product:

Instruments/Analyzers

Consumables & Accessories

By End User:

Hospitals

Clinics

Home Care Settings

Others

By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

The report provides detailed profiles and strategic insights for leading companies operating in the Global Point of Care Coagulation Testing Devices Market. Analysis includes product innovation, market positioning, technological advancements, and global footprint.

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Available Customizations

TechSci Research offers customizable elements in this report to align with specific business needs. Available options include:

In-depth analysis and profiling of up to five additional market players

Let me know if you'd like this version adapted into a presentation deck, executive summary, or slide notes for a meeting!

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