

Point-Of-Care (Poc) Coagulation Testing Devices Market Outlook 2025-2034: Market Share, and Growth Analysis By Product Type (Coagulation Monitors, Consumables, Coagulation Analyzers), By Technology (Optical Technology, Mechanical Technology, Electrochemical Technology), By Method, By Application, By End-User

<https://marketpublishers.com/r/P8D55951E757EN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: P8D55951E757EN

Abstracts

The Point-Of-Care (Poc) Coagulation Testing Devices Market is valued at USD 2.8 billion in 2025 and is projected to grow at a CAGR of 10.9% to reach USD 7.1 billion by 2034.

Point-of-Care (POC) Coagulation Testing Devices Market Overview

The point-of-care (POC) coagulation testing devices market is witnessing significant growth due to the increasing prevalence of blood clotting disorders, rising geriatric populations, and the growing adoption of decentralized healthcare solutions. POC coagulation testing devices enable rapid and real-time assessment of blood clotting parameters, such as prothrombin time (PT), activated partial thromboplastin time (aPTT), and international normalized ratio (INR), allowing healthcare providers to make immediate clinical decisions. These devices are crucial for patients undergoing anticoagulant therapy, those at risk of thrombosis, and individuals with hemophilia or other clotting disorders. The shift toward portable, user-friendly, and minimally invasive coagulation testing solutions has enhanced patient management in home healthcare, emergency care, and ambulatory settings. Additionally, advancements in sensor technology, microfluidics, and connectivity features have improved test accuracy and usability, further fueling market demand. The POC coagulation testing devices market

experienced rapid technological advancements, with manufacturers integrating artificial intelligence (AI) and cloud-based data management systems into their devices. AI-enhanced diagnostic tools improved the accuracy of coagulation readings while enabling predictive analytics for early detection of clotting disorders. The expansion of wireless connectivity in POC devices allowed real-time data sharing with healthcare providers, facilitating remote patient monitoring. The demand for compact and portable coagulation analyzers surged, particularly in emergency and critical care settings, where rapid decision-making is essential. Additionally, an increase in home-based anticoagulation therapy monitoring led to the launch of patient-friendly self-testing kits, allowing individuals on blood thinners to manage their treatment more effectively. Meanwhile, regulatory approvals for innovative coagulation testing devices expanded market accessibility, with growing adoption in emerging economies where access to centralized laboratories is limited. The POC coagulation testing devices market is expected to see further innovation, particularly in non-invasive and wearable coagulation monitoring technologies. Researchers are developing biosensor-based coagulation testing methods that eliminate the need for finger-prick blood samples, enhancing patient comfort and compliance. AI-driven decision support systems will continue to improve real-time risk assessment for patients on anticoagulant therapy, optimizing personalized treatment approaches. The integration of blockchain technology in healthcare data management is expected to enhance the security and traceability of patient test results, ensuring seamless data sharing across healthcare ecosystems. Additionally, the increasing adoption of decentralized clinical trials will drive demand for portable coagulation testing solutions that enable real-world monitoring outside hospital settings. As healthcare providers emphasize preventive care and remote monitoring, the market for POC coagulation testing devices will continue to expand, offering more advanced and accessible solutions for managing clotting disorders.

Key Insights Point-Of-Care (Poc) Coagulation Testing Devices Market

AI-Enhanced Diagnostic Capabilities: Artificial intelligence is being integrated into POC coagulation testing devices to improve test accuracy, provide predictive insights, and assist in real-time decision-making for anticoagulation management.

Expansion of Home-Based Coagulation Monitoring: The rise of patient-friendly self-testing kits is empowering individuals on blood thinners to monitor their clotting status independently, reducing hospital visits and improving treatment adherence.

Development of Non-Invasive Coagulation Testing: Researchers are working on biosensor-based and wearable coagulation monitoring technologies that reduce the need for blood sampling, enhancing patient convenience.

Wireless Connectivity and Remote Data Sharing: The integration of Bluetooth and cloud-based platforms in POC coagulation devices allows real-time data transmission to healthcare providers, improving remote patient management.

Growth in Decentralized Clinical Trials: The increasing adoption of remote and decentralized clinical trials is driving demand for portable coagulation testing solutions that enable real-world data collection outside traditional hospital settings.

Rising Prevalence of Blood Clotting Disorders: The increasing incidence of venous thromboembolism (VTE), hemophilia, and cardiovascular diseases is fueling the demand for rapid and reliable coagulation testing solutions.

Growing Adoption of Anticoagulation Therapy: The expanding use of blood thinners among patients with atrial fibrillation and deep vein thrombosis is driving the need for routine coagulation monitoring at the point of care.

Advancements in Miniaturized and Portable Testing Devices: The development of compact, lightweight coagulation analyzers is improving accessibility for use in ambulatory care, emergency departments, and home settings.

Increasing Demand for Rapid and Real-Time Diagnostics: The shift toward decentralized healthcare and emergency medicine is increasing the adoption of POC coagulation testing devices, reducing turnaround times for critical test results.

Regulatory and Standardization Challenges: Variability in test accuracy across different POC coagulation devices and the need for strict regulatory approvals present challenges in ensuring consistency and reliability of test results in clinical practice.

Point-Of-Care (Poc) Coagulation Testing Devices Market Segmentation

By Product Type

Coagulation Monitors

Consumables

Coagulation Analyzers

By Technology

Optical Technology

Mechanical Technology

Electrochemical Technology

By Method

Prothrombin Time And International Normalized Ratio

Viscoelastic Coagulation Monitoring

Other Methods

By Application

Blood Glucose Testing

Infectious Diseases Testing

Cardiac Markers Testing

Coagulation Testing

Blood Gas And Electrolyte Testing

Other Applications

By End-User

Hospitals

Diagnostic Laboratories

Clinics

Other End-Users

Key Companies Analysed

Roche Diagnostics

Thermo Fisher Scientific Inc.

Abbott Laboratories

Medtronic plc

Siemens Healthineers

Koninklijke Philips N.V.

Bio-Rad Laboratories Inc.

Werfen

Haemonetics Corporation

Sonora Quest Laboratories

23andMe Holding Co

Thorne HealthTech Inc.

Metropolis Healthcare Limited

Color Health Inc

LetsGetChecked Inc.

Ambry Genetics Corporation

MyHeritage Ltd

Genova Diagnostics Inc.

Everlywell Inc.

Complete Genomics Incorporated

DanteLabs Inc.

HemoSonics LLC

Gene by Gene Ltd.

Veritas Intercontinental

DirectLabs LLC

Full Genomes Corporation Inc.

Ultra Lab Tests LLC

WellnessFX Inc.

Any Lab Test Now Inc.

Point-Of-Care (Poc) Coagulation Testing Devices Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of

international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Point-Of-Care (Poc) Coagulation Testing Devices Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Point-Of-Care (Poc) Coagulation Testing Devices market data and outlook to 2034

United States

Canada

Mexico

Europe — Point-Of-Care (Poc) Coagulation Testing Devices market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Point-Of-Care (Poc) Coagulation Testing Devices market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Point-Of-Care (Poc) Coagulation Testing Devices market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Point-Of-Care (Poc) Coagulation Testing Devices market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Point-Of-Care (Poc) Coagulation Testing Devices value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Point-Of-Care (Poc) Coagulation Testing Devices industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of

global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Point-Of-Care (Poc) Coagulation Testing Devices Market Report

Global Point-Of-Care (Poc) Coagulation Testing Devices market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Point-Of-Care (Poc) Coagulation Testing Devices trade, costs, and supply chains

Point-Of-Care (Poc) Coagulation Testing Devices market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Point-Of-Care (Poc) Coagulation Testing Devices market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Point-Of-Care (Poc) Coagulation Testing Devices market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Point-Of-Care (Poc) Coagulation Testing Devices supply chain analysis

Point-Of-Care (Poc) Coagulation Testing Devices trade analysis, Point-Of-Care (Poc) Coagulation Testing Devices market price analysis, and Point-Of-Care (Poc) Coagulation Testing Devices supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Point-Of-Care (Poc) Coagulation Testing Devices market news and

developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

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