

Point-Of-Care (Poc) Coagulation Testing Market Outlook 2025-2034: Market Share, and Growth Analysis By Technology (Optical Technology, Mechanical Technology, Electrochemical Technology), By Distribution Channel (Direct Tenders, Retail), By End-User

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Abstracts

The Point-Of-Care (Poc) Coagulation Testing Market is valued at USD 1.5 billion in 2025 and is projected to grow at a CAGR of 6% to reach USD 2.5 billion by 2034.

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

The point-of-care (POC) coagulation testing market is growing steadily due to the increasing prevalence of blood clotting disorders, rising cases of cardiovascular diseases, and the need for rapid, on-site diagnostic solutions. POC coagulation testing allows healthcare providers to assess clotting parameters such as prothrombin time (PT), activated partial thromboplastin time (aPTT), and international normalized ratio (INR) in real-time, enabling immediate clinical decision-making. These devices are particularly beneficial for patients on anticoagulant therapy, individuals with hemophilia, and those at risk of thrombosis. The shift towards decentralized healthcare and self-monitoring solutions is further driving market expansion, with advancements in portable, easy-to-use, and wireless-enabled coagulation analyzers. Additionally, technological improvements in microfluidics, biosensors, and AI-powered diagnostics are enhancing test accuracy and usability. As hospitals, ambulatory care centers, and home healthcare providers prioritize quick and reliable testing, the POC coagulation testing market is poised for significant growth. The POC coagulation testing market saw notable advancements in connectivity, automation, and home-based testing solutions. AI-

enhanced diagnostic tools improved accuracy and allowed predictive analytics for early detection of clotting abnormalities. Wireless-enabled POC devices gained traction, enabling real-time data sharing with healthcare providers, which improved remote patient monitoring and facilitated personalized treatment adjustments. The demand for compact and portable coagulation analyzers increased in emergency and critical care settings, where rapid decision-making is essential. Additionally, home-based self-testing kits saw wider adoption, allowing individuals on anticoagulation therapy to monitor their INR levels conveniently. The expansion of regulatory approvals for next-generation POC coagulation devices boosted accessibility, particularly in emerging markets with limited access to laboratory-based testing. Meanwhile, cost reductions and improvements in sensor technology made these devices more affordable, leading to higher adoption rates in both clinical and home settings. The POC coagulation testing market is expected to witness further innovations in non-invasive and wearable coagulation monitoring technologies. Research into biosensor-based and saliva-based coagulation tests is advancing, offering potential alternatives to traditional blood-based testing methods. AI-driven decision support systems will become integral to coagulation management, providing real-time insights and predictive analytics to optimize anticoagulation therapy. The rise of decentralized clinical trials will drive demand for portable coagulation testing devices, facilitating real-world data collection outside hospital settings. Additionally, blockchain technology is expected to enhance data security and integrity, improving patient confidence in remote testing solutions. As healthcare providers increasingly emphasize preventive care and remote monitoring, the demand for user-friendly, connected, and highly accurate POC coagulation testing devices will continue to grow, solidifying their role in modern healthcare.

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

AI-Powered Predictive Analytics: The integration of artificial intelligence into POC coagulation testing devices is improving diagnostic accuracy, predicting clotting risks, and assisting in personalized anticoagulation therapy.

Expansion of Home-Based Self-Testing Kits: Increasing adoption of portable INR and coagulation testing devices is empowering patients to manage their anticoagulation therapy independently, reducing the need for frequent hospital visits.

Advancements in Non-Invasive Coagulation Monitoring: Research into saliva- and biosensor-based coagulation testing is driving innovation, offering alternatives to finger-prick blood tests for improved patient comfort.

Integration of Wireless and Cloud-Based Data Sharing: Smart POC coagulation devices with Bluetooth and cloud connectivity are enabling real-time data transmission to healthcare providers, enhancing remote patient management.

Growing Role of Decentralized Clinical Trials: The increasing use of POC coagulation testing in decentralized clinical trials is improving real-world monitoring, reducing reliance on centralized laboratory testing.

Rising Prevalence of Cardiovascular and Hematological Disorders: The growing incidence of conditions like deep vein thrombosis (DVT), atrial fibrillation, and hemophilia is increasing demand for rapid coagulation testing solutions.

Increasing Adoption of Personalized Medicine and Anticoagulation Therapy: More patients are receiving tailored anticoagulation treatments, necessitating frequent and accessible coagulation monitoring.

Technological Advancements in Miniaturized and Portable Devices: Improved microfluidics, biosensors, and lab-on-a-chip technologies are making POC coagulation testing more accurate, portable, and user-friendly.

Government Initiatives for Preventive Healthcare and Home Monitoring: Healthcare policies supporting remote monitoring and preventive care are encouraging the adoption of home-based POC coagulation testing.

Regulatory and Accuracy Standardization Issues: Variability in test results across different POC coagulation devices and the need for stringent regulatory approvals present challenges in ensuring reliability and widespread adoption.

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

By Technology

Optical Technology

Mechanical Technology

Electrochemical Technology

By Distribution Channel

Direct Tenders

Retail

By End-User

Hospitals

Clinics

Home care

Key Companies Analysed

AT&T Corporation

Siemens Healthcare GmbH

Thermo Fisher Scientific Inc.

Abbott Laboratories

F. Hoffmann-La Roche Ltd.

Danaher Corporation

Medtronic Plc

Koninklijke Philips N.V.

Sysmex Corporation

IDEXX Laboratories Inc.

Quidel Corporation

Bio-Rad Laboratories Inc.

Teleflex Incorporated

Werfen SA

Nihon Kohden Corporation

Horiba Ltd.

Hycel

Nova Biomedical Corporation

Haemonetics Corporation

Maccura Biotechnology Co. Ltd.

Helena Laboratories Corporation

Abaxis Inc.

ARKRAY Inc.

Radiometer Medical ApS

HemoSonics LLC

iLine Microsystems SL

Corgenix Medical Corporation

Quotient Limited

Micropoint Bioscience Inc.

Beijing Succeeder Technology Inc.

EKF Diagnostics Holdings plc

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

United States

Canada

Mexico

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

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

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

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Point-Of-Care (Poc) Coagulation Testing 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 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 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 Market Report

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

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

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

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

Porter’s Five Forces analysis, technological developments, and Point-Of-Care

(Poc) Coagulation Testing supply chain analysis

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

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

Latest Point-Of-Care (Poc) Coagulation Testing 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*

Contents

1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

2. GLOBAL POINT-OF-CARE (POC) COAGULATION TESTING MARKET SUMMARY, 2025

- 2.1 Point-Of-Care (Poc) Coagulation Testing Industry Overview
 - 2.1.1 Global Point-Of-Care (Poc) Coagulation Testing Market Revenues (In US\$ billion)
- 2.2 Point-Of-Care (Poc) Coagulation Testing Market Scope
- 2.3 Research Methodology

3. POINT-OF-CARE (POC) COAGULATION TESTING MARKET INSIGHTS, 2024-2034

- 3.1 Point-Of-Care (Poc) Coagulation Testing Market Drivers
- 3.2 Point-Of-Care (Poc) Coagulation Testing Market Restraints
- 3.3 Point-Of-Care (Poc) Coagulation Testing Market Opportunities
- 3.4 Point-Of-Care (Poc) Coagulation Testing Market Challenges
- 3.5 Tariff Impact on Global Point-Of-Care (Poc) Coagulation Testing Supply Chain Patterns

4. POINT-OF-CARE (POC) COAGULATION TESTING MARKET ANALYTICS

- 4.1 Point-Of-Care (Poc) Coagulation Testing Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Point-Of-Care (Poc) Coagulation Testing Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Point-Of-Care (Poc) Coagulation Testing Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Point-Of-Care (Poc) Coagulation Testing Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Point-Of-Care (Poc) Coagulation Testing Market
 - 4.5.1 Point-Of-Care (Poc) Coagulation Testing Industry Attractiveness Index, 2025
 - 4.5.2 Point-Of-Care (Poc) Coagulation Testing Supplier Intelligence

- 4.5.3 Point-Of-Care (Poc) Coagulation Testing Buyer Intelligence
- 4.5.4 Point-Of-Care (Poc) Coagulation Testing Competition Intelligence
- 4.5.5 Point-Of-Care (Poc) Coagulation Testing Product Alternatives and Substitutes Intelligence
- 4.5.6 Point-Of-Care (Poc) Coagulation Testing Market Entry Intelligence

5. GLOBAL POINT-OF-CARE (POC) COAGULATION TESTING MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034

- 5.1 World Point-Of-Care (Poc) Coagulation Testing Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)
- 5.1 Global Point-Of-Care (Poc) Coagulation Testing Sales Outlook and CAGR Growth By Technology, 2024- 2034 (\$ billion)
- 5.2 Global Point-Of-Care (Poc) Coagulation Testing Sales Outlook and CAGR Growth By Distribution Channel, 2024- 2034 (\$ billion)
- 5.3 Global Point-Of-Care (Poc) Coagulation Testing Sales Outlook and CAGR Growth By End-User, 2024- 2034 (\$ billion)
- 5.4 Global Point-Of-Care (Poc) Coagulation Testing Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

6. ASIA PACIFIC POINT-OF-CARE (POC) COAGULATION TESTING INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK

- 6.1 Asia Pacific Point-Of-Care (Poc) Coagulation Testing Market Insights, 2025
- 6.2 Asia Pacific Point-Of-Care (Poc) Coagulation Testing Market Revenue Forecast By Technology, 2024- 2034 (USD billion)
- 6.3 Asia Pacific Point-Of-Care (Poc) Coagulation Testing Market Revenue Forecast By Distribution Channel, 2024- 2034 (USD billion)
- 6.4 Asia Pacific Point-Of-Care (Poc) Coagulation Testing Market Revenue Forecast By End-User, 2024- 2034 (USD billion)
- 6.5 Asia Pacific Point-Of-Care (Poc) Coagulation Testing Market Revenue Forecast by Country, 2024- 2034 (USD billion)
 - 6.5.1 China Point-Of-Care (Poc) Coagulation Testing Market Size, Opportunities, Growth 2024- 2034
 - 6.5.2 India Point-Of-Care (Poc) Coagulation Testing Market Size, Opportunities, Growth 2024- 2034
 - 6.5.3 Japan Point-Of-Care (Poc) Coagulation Testing Market Size, Opportunities, Growth 2024- 2034

6.5.4 Australia Point-Of-Care (Poc) Coagulation Testing Market Size, Opportunities, Growth 2024- 2034

7. EUROPE POINT-OF-CARE (POC) COAGULATION TESTING MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034

7.1 Europe Point-Of-Care (Poc) Coagulation Testing Market Key Findings, 2025

7.2 Europe Point-Of-Care (Poc) Coagulation Testing Market Size and Percentage Breakdown By Technology, 2024- 2034 (USD billion)

7.3 Europe Point-Of-Care (Poc) Coagulation Testing Market Size and Percentage Breakdown By Distribution Channel, 2024- 2034 (USD billion)

7.4 Europe Point-Of-Care (Poc) Coagulation Testing Market Size and Percentage Breakdown By End-User, 2024- 2034 (USD billion)

7.5 Europe Point-Of-Care (Poc) Coagulation Testing Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.5.1 Germany Point-Of-Care (Poc) Coagulation Testing Market Size, Trends, Growth Outlook to 2034

7.5.2 United Kingdom Point-Of-Care (Poc) Coagulation Testing Market Size, Trends, Growth Outlook to 2034

7.5.2 France Point-Of-Care (Poc) Coagulation Testing Market Size, Trends, Growth Outlook to 2034

7.5.2 Italy Point-Of-Care (Poc) Coagulation Testing Market Size, Trends, Growth Outlook to 2034

7.5.2 Spain Point-Of-Care (Poc) Coagulation Testing Market Size, Trends, Growth Outlook to 2034

8. NORTH AMERICA POINT-OF-CARE (POC) COAGULATION TESTING MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034

8.1 North America Snapshot, 2025

8.2 North America Point-Of-Care (Poc) Coagulation Testing Market Analysis and Outlook By Technology, 2024- 2034 (\$ billion)

8.3 North America Point-Of-Care (Poc) Coagulation Testing Market Analysis and Outlook By Distribution Channel, 2024- 2034 (\$ billion)

8.4 North America Point-Of-Care (Poc) Coagulation Testing Market Analysis and Outlook By End-User, 2024- 2034 (\$ billion)

8.5 North America Point-Of-Care (Poc) Coagulation Testing Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.5.1 United States Point-Of-Care (Poc) Coagulation Testing Market Size, Share,

Growth Trends and Forecast, 2024- 2034

8.5.1 Canada Point-Of-Care (Poc) Coagulation Testing Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Mexico Point-Of-Care (Poc) Coagulation Testing Market Size, Share, Growth Trends and Forecast, 2024- 2034

9. SOUTH AND CENTRAL AMERICA POINT-OF-CARE (POC) COAGULATION TESTING MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS

9.1 Latin America Point-Of-Care (Poc) Coagulation Testing Market Data, 2025

9.2 Latin America Point-Of-Care (Poc) Coagulation Testing Market Future By Technology, 2024- 2034 (\$ billion)

9.3 Latin America Point-Of-Care (Poc) Coagulation Testing Market Future By Distribution Channel, 2024- 2034 (\$ billion)

9.4 Latin America Point-Of-Care (Poc) Coagulation Testing Market Future By End-User, 2024- 2034 (\$ billion)

9.5 Latin America Point-Of-Care (Poc) Coagulation Testing Market Future by Country, 2024- 2034 (\$ billion)

9.5.1 Brazil Point-Of-Care (Poc) Coagulation Testing Market Size, Share and Opportunities to 2034

9.5.2 Argentina Point-Of-Care (Poc) Coagulation Testing Market Size, Share and Opportunities to 2034

10. MIDDLE EAST AFRICA POINT-OF-CARE (POC) COAGULATION TESTING MARKET OUTLOOK AND GROWTH PROSPECTS

10.1 Middle East Africa Overview, 2025

10.2 Middle East Africa Point-Of-Care (Poc) Coagulation Testing Market Statistics By Technology, 2024- 2034 (USD billion)

10.3 Middle East Africa Point-Of-Care (Poc) Coagulation Testing Market Statistics By Distribution Channel, 2024- 2034 (USD billion)

10.4 Middle East Africa Point-Of-Care (Poc) Coagulation Testing Market Statistics By End-User, 2024- 2034 (USD billion)

10.5 Middle East Africa Point-Of-Care (Poc) Coagulation Testing Market Statistics by Country, 2024- 2034 (USD billion)

10.5.1 Middle East Point-Of-Care (Poc) Coagulation Testing Market Value, Trends, Growth Forecasts to 2034

10.5.2 Africa Point-Of-Care (Poc) Coagulation Testing Market Value, Trends, Growth Forecasts to 2034

11. POINT-OF-CARE (POC) COAGULATION TESTING MARKET STRUCTURE AND COMPETITIVE LANDSCAPE

11.1 Key Companies in Point-Of-Care (Poc) Coagulation Testing Industry

11.2 Point-Of-Care (Poc) Coagulation Testing Business Overview

11.3 Point-Of-Care (Poc) Coagulation Testing Product Portfolio Analysis

11.4 Financial Analysis

11.5 SWOT Analysis

12 APPENDIX

12.1 Global Point-Of-Care (Poc) Coagulation Testing Market Volume (Tons)

12.1 Global Point-Of-Care (Poc) Coagulation Testing Trade and Price Analysis

12.2 Point-Of-Care (Poc) Coagulation Testing Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Point-Of-Care (Poc) Coagulation Testing Industry Report Sources and Methodology

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