

# **Blood Collection Tubes Market Outlook 2025-2034: Market Share, and Growth Analysis By Product Type (Plasma Separating Tube, Serum Separating Tube, Heparin Tubes, EDTA Tubes, Rapid Serum Tubes, Other Product Types), By Material (Glass, Plastic), By End User**

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## **Abstracts**

The Blood Collection Tubes Market is valued at USD 8.3 billion in 2025 and is projected to grow at a CAGR of 6.9% to reach USD 15.1 billion by 2034. The Blood Collection Tubes Market is expanding as diagnostic and therapeutic applications continue to grow. Blood collection tubes, which are essential for collecting, transporting, and storing blood samples, are widely used in hospitals, diagnostic labs, and blood donation centers. These tubes, often pre-labeled and containing additives such as anticoagulants or clot activators, ensure sample integrity and enable accurate diagnostic testing. Market growth is driven by the increasing prevalence of chronic and infectious diseases, rising demand for advanced diagnostics, and the expansion of healthcare infrastructure. Innovations in tube materials, design, and additive formulations have improved sample stability and user convenience. Furthermore, the growing trend of point-of-care testing and home-based diagnostics has fueled demand for easy-to-use, reliable blood collection tubes. Challenges include stringent regulatory requirements, proper waste disposal, and the need for consistent product quality. However, ongoing advancements in tube technology, coupled with the rising adoption of automated and standardized blood collection procedures, are expected to propel market growth in the coming years.

### **Key Insights Blood Collection Tubes Market**

1. Increasing adoption of vacuum-based blood collection tubes for better sample

integrity. 2. Growing use of gel separator tubes for efficient plasma and serum separation. 3. Development of pediatric and microcollection tubes for minimally invasive sampling. 4. Rising focus on environmentally friendly, biodegradable tube materials. 5. Enhanced labeling and barcode integration for improved traceability and accuracy. 1. Rising demand for diagnostic tests due to increasing disease prevalence. 2. Growth in the number of diagnostic labs and blood donation campaigns. 3. Technological advancements in blood collection tube design and additives. 4. Expansion of point-of-care and home-based diagnostic testing solutions. 1. Stringent regulatory compliance requirements. 2. Environmental concerns related to plastic waste and medical disposal. 3. High cost of advanced tube designs in resource-limited settings. 4. Need for consistent quality and standardization across manufacturers.

## Blood Collection Tubes Market Segmentation

### By Product Type

Plasma Separating Tube

Serum Separating Tube

Heparin Tubes

EDTA Tubes

Rapid Serum Tubes

Other Product Types

### By Material

Glass

Plastic

### By End User

Hospitals

Clinics

Ambulatory Surgical Centers

Other End-Users

### Key Companies Analysed

Becton Dickinson and Company

Greiner AG

Qiagen NV

Sarstedt AG & Co. KG

Terumo Corporation

FL Medical SRL

AdvaCare Pharma

Cardinal Health Inc.

Haematonics

Narang Medical Limited

Chengdu Rich Science Industry Co. Ltd.

DWK Life Sciences

Fresenius Kabi AG

Grifols S.A.

Hindustan Syringes & Medical Devices Ltd.

Sekisui Chemical Co. Ltd.

InterVacTechnology Inc.

Advin Health Care

MB Plastic Industries

Biota

Nipro Medical Corporation

Bioscientifica Ltd.

CML Biotech Pvt. Ltd.

CDRICH Corporation

Biosigma Srl

VWR International LLC

Abbott Laboratories Inc.

Danaher Corporation

Medline Industries Inc.

Owens & Minor Inc.

## Blood Collection Tubes 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.

### Blood Collection Tubes 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 — Blood Collection Tubes market data and outlook to 2034

United States

Canada

Mexico

Europe — Blood Collection Tubes market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Blood Collection Tubes market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Blood Collection Tubes market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Blood Collection Tubes 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 Blood Collection Tubes 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 Blood Collection Tubes 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 Blood Collection Tubes Market Report

Global Blood Collection Tubes market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Blood Collection Tubes trade, costs, and supply chains

Blood Collection Tubes market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Blood Collection Tubes market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Blood Collection Tubes market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Blood Collection Tubes supply chain analysis

Blood Collection Tubes trade analysis, Blood Collection Tubes market price analysis, and Blood Collection Tubes supply/demand dynamics

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

Latest Blood Collection Tubes 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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