

# **Cardiac Biomarkers Testing Market Outlook 2025-2034: Market Share, and Growth Analysis By Biomarkers Type (Creatine Kinase (CK-MB), Troponins, Myoglobin, Natriuretic Peptides (BNP and NT-proBNP), Ischemia Modified albumin (IMA), Other Biomarkers Types), By Application (Congestive Heart Failure, Acute Coronary Syndrome, Myocardial Infarction, Atherosclerosis, Other Applications), By End-User**

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## **Abstracts**

The Cardiac Biomarkers Testing Market is valued at USD 12.4 billion in 2025 and is projected to grow at a CAGR of 11.3% to reach USD 32.4 billion by 2034. Cardiac biomarker testing is a diagnostic procedure that measures specific proteins and enzymes in the blood to assess heart health. These tests are widely used to diagnose conditions such as acute myocardial infarction, heart failure, and ischemia. By detecting these markers early, healthcare providers can determine the severity of cardiac damage, guide treatment decisions, and monitor patient recovery. Cardiac biomarker testing plays a vital role in reducing mortality rates and improving long-term outcomes for patients with cardiovascular diseases. The cardiac biomarker testing market is growing due to advancements in diagnostic technologies, an aging global population, and an increasing prevalence of lifestyle-related risk factors. High-sensitivity troponin assays have become the gold standard for detecting heart attacks, offering rapid and accurate results that enable timely interventions. Furthermore, the adoption of point-of-care testing devices in emergency settings has streamlined the diagnostic process, reducing wait times and enhancing patient care. These innovations, coupled with ongoing research into new biomarkers, have significantly expanded the capabilities and

scope of cardiac biomarker testing. Despite these developments, the market faces challenges such as high costs of advanced tests, the need for skilled personnel, and variability in assay performance. Additionally, regulatory complexities and the integration of new tests into existing clinical workflows can be hurdles for healthcare providers. However, the increasing focus on personalized medicine, improvements in test standardization, and a growing body of clinical evidence supporting the use of cardiac biomarkers are expected to drive further growth and adoption in the coming years.

### Key Insights Cardiac Biomarkers Testing Market

- Increased use of high-sensitivity troponin tests for earlier and more accurate detection of myocardial injury.
- Development of point-of-care diagnostic devices for faster decision-making in emergency and outpatient settings.
- Expansion of biomarker panels to include novel markers such as ST2 and galectin-3, enhancing risk stratification and management.
- Integration of automated laboratory platforms and digital health technologies for streamlined testing workflows.
- Growing focus on personalized and precision medicine, leveraging biomarker profiles to tailor treatments.
- Rising global prevalence of cardiovascular diseases, driven by aging populations and lifestyle factors.
- Advances in diagnostic technology, improving test sensitivity, specificity, and turnaround times.
- Increased awareness among clinicians and patients about the importance of early detection and intervention.
- Expanding adoption of point-of-care and near-patient testing solutions.
- High costs associated with advanced biomarker assays and testing devices.
- Variability in assay performance and the need for stringent quality control and standardization.
- Regulatory and reimbursement challenges that can slow the introduction of new tests to the market.

### Cardiac Biomarkers Testing Market Segmentation

#### By Biomarkers Type

Creatine Kinase (CK-MB)

Troponins

Myoglobin

Natriuretic Peptides (BNP and NT-proBNP)

Ischemia Modified albumin (IMA)

Other Biomarkers Types

#### By Application

Congestive Heart Failure

Acute Coronary Syndrome

Myocardial Infarction

Atherosclerosis

Other Applications

#### By End-User

Hospitals

Specialty Clinics

#### Key Companies Analysed

Abbott Laboratories

Bio-Rad Laboratories Inc.

Danaher Corporation

F. Hoffmann-La Roche Ltd.

Siemens Healthineers AG

Thermo Fisher Scientific Inc.

Biom?rieux SA

Becton Dickinson and Company

Randox Laboratories Ltd.

Enzo Biochem Inc.

Creative Diagnostics Inc.

Merck Co. & KGaA

Beckman Coulter Inc.

QIAGEN N.V.

PerkinElmer Inc.

Tosoh Corporation

Eurolyser Diagnostica GmbH

Cortez Diagnostics Inc.

DIALAB GmbH

CardioGenics Holdings Inc.

Lepu Medical Technology (Beijing) Co. Ltd.

Biosynex SA

Charles River Laboratories

Quidel Corporation

Life Diagnostics

Trinity Biotech plc

Guangzhou Wondfo Biotech Co. Ltd.

Nova Biomedical Corp.

Ortho Clinical Diagnostics Inc.

Sekisui Diagnostics Inc.

Abcam plc

Bio-Techne Corporation .

### Cardiac Biomarkers 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.

### Cardiac Biomarkers 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 — Cardiac Biomarkers Testing market data and outlook to 2034

United States

Canada

Mexico

Europe — Cardiac Biomarkers Testing market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Cardiac Biomarkers Testing market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Cardiac Biomarkers Testing market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Cardiac Biomarkers 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 Cardiac Biomarkers 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 Cardiac Biomarkers 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 Cardiac Biomarkers Testing Market Report

Global Cardiac Biomarkers Testing market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Cardiac Biomarkers Testing trade, costs, and supply chains

Cardiac Biomarkers Testing market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Cardiac Biomarkers Testing market size, CAGR, and market share of key

products, applications, and end-user verticals, 2023-2034

Short- and long-term Cardiac Biomarkers Testing market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Cardiac Biomarkers Testing supply chain analysis

Cardiac Biomarkers Testing trade analysis, Cardiac Biomarkers Testing market price analysis, and Cardiac Biomarkers Testing supply/demand dynamics

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

Latest Cardiac Biomarkers 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*

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