

Lipid Panel Testing Market Outlook 2025-2034: Market Share, and Growth Analysis By Product And Services (Devices, Kits, Services), By Prescription Mode (Prescription-Based Testing, OTC-Based Testing), By Application, By End User

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Abstracts

The Lipid Panel Testing Market is valued at USD 10 billion in 2025 and is projected to grow at a CAGR of 7.4% to reach USD 19 billion by 2034. The lipid panel testing market encompasses diagnostic tests used to assess cholesterol levels and other lipids in the blood to evaluate cardiovascular risk. These panels typically measure total cholesterol, HDL, LDL, and triglycerides. As lifestyle-related disorders like obesity, diabetes, and cardiovascular disease rise globally, lipid panel tests have become routine in both preventive and ongoing healthcare. Widely adopted in clinics, diagnostic labs, and home-testing kits, these panels play a vital role in early detection and monitoring of lipid disorders. Market growth is also fueled by increased awareness of heart health and widespread implementation of routine health screenings. The lipid panel testing market witnessed expansion driven by public health initiatives and increased health screening mandates from insurance providers and employers. Home diagnostic brands introduced telemedicine-linked lipid panel kits, enabling users to test, track, and consult physicians remotely. Point-of-care testing (POCT) devices gained popularity in rural and emergency care settings due to their portability and faster results. Integration with digital health platforms and wearable biosensors offered real-time lipid monitoring capabilities. Additionally, clinical labs began using AI to automate interpretation and risk stratification, enhancing the clinical utility of lipid data in chronic disease management. The market will continue growing with advances in non-invasive lipid profiling, real-time analytics, and personalized health monitoring. Emerging biomarker research will expand panels to include lipoprotein(a) and apolipoproteins, offering deeper cardiovascular insights. Portable testing devices integrated with smartphone apps will promote

consumer-led health monitoring. AI-based risk models will help practitioners predict cardiovascular events with greater accuracy using lipid trends and comorbidity data. As health systems shift toward value-based care, lipid panel testing will become a key metric in proactive disease prevention and long-term care models across all income levels.

Key Insights Lipid Panel Testing Market

At-home lipid testing kits with digital integration are increasing accessibility and user engagement.

Point-of-care lipid testing is expanding in emergency and rural healthcare settings for faster diagnosis.

AI-assisted interpretation is enhancing clinical decision-making and cardiovascular risk stratification.

Wearables and biosensors are enabling real-time monitoring of lipid trends alongside other vitals.

Expanded lipid panels including lipoprotein subtypes are offering more comprehensive risk assessments.

Rising prevalence of cardiovascular diseases is increasing the need for routine lipid screening and monitoring.

Healthcare digitization is enabling more integrated, user-friendly diagnostic experiences.

Public health campaigns are raising awareness about cholesterol management and preventive health behaviors.

Shift to personalized and value-based healthcare is reinforcing demand for lipid profiling as a core metric.

Data accuracy and user adherence remain concerns for at-home lipid tests without clinical supervision.

Access to high-quality testing in underserved regions is limited by cost and

diagnostic infrastructure gaps.

Lipid Panel Testing Market Segmentation

By Product And Services

Devices

Kits

Services

By Prescription Mode

Prescription-Based Testing

OTC-Based Testing

By Application

Hyperlipidemia

Hypertriglyceridemia

Familial Hypercholesterolemia

Hypo-Lipoproteinemia

Tangier Disease

Atherosclerosis

Other Applications

By End User

Hospital

Specialty Clinics And Physician Offices

Pathology Laboratories

Diagnostic Clinics

Ambulatory Surgical Centers

Reference Laboratories

Academic And Research Institutes

Other End-Users

Key Companies Analysed

Abbott Laboratories

Beckman Coulter Inc.

F. Hoffmann-La Roche Ltd.

Randox Laboratories Ltd.

Thermo Fisher Scientific Inc.

PTS Diagnostics

Quest Diagnostics Incorporated

Alere Inc.

EuroMedix International

Boston Heart Diagnostics Corporation

Eurofins Scientific SE

Spark Diagnostics Pvt Ltd.

Everlywell Inc.

Horiba ABX SAS

Siemens Healthcare GmbH

Avanti Polar Lipids Inc.

Nova Biomedical Corporation

Bio-Rad Laboratories Inc.

Cepheid Inc.

Danaher Corporation

DiaSorin S.p.A.

EKF Diagnostics Holdings plc

Grifols S.A.

Hologic Inc.

Illumina Inc.

Luminex Corporation

Meridian Bioscience Inc.

Myriad Genetics Inc.

Natera Inc.

Ortho Clinical Diagnostics LLC

Lipid Panel 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.

Lipid Panel 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 — Lipid Panel Testing market data and outlook to 2034

United States

Canada

Mexico

Europe — Lipid Panel Testing market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Lipid Panel Testing market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Lipid Panel Testing market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Lipid Panel 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 Lipid Panel 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 Lipid Panel 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 Lipid Panel Testing Market Report

Global Lipid Panel Testing market size and growth projections (CAGR), 2024-2034

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

Lipid Panel Testing market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Lipid Panel Testing market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Lipid Panel Testing market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Lipid Panel Testing supply chain analysis

Lipid Panel Testing trade analysis, Lipid Panel Testing market price analysis, and Lipid Panel Testing supply/demand dynamics

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

Latest Lipid Panel 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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