+357 96 030922
info@marketpublishers.com

Lab Supplies Market Forecasts to 2032 – Global Analysis By Product Type (Equipment, Consumables, and Other Product Types), Material Type, Distribution Channel, Application, End User and By Geography

https://marketpublishers.com/r/L129502C85CEEN.html
Date: November 2025
Pages: 200
Price: US$ 4,150.00 (Single User License)
ID: L129502C85CEEN

Abstracts

According to Stratistics MRC, the Global Lab Supplies Market is accounted for $50.02 billion in 2025 and is expected to reach $94.42 billion by 2032 growing at a CAGR of 9.5% during the forecast period. Laboratory supplies encompass the fundamental materials, consumables, and instruments required for conducting scientific, medical, and industrial lab activities. They include items such as glassware, plastic consumables, chemicals, pipettes, protective equipment, and tools used for sample preparation and testing. These supplies are vital for ensuring accurate results, consistent processes, and safe working conditions. They support a wide range of laboratory functions, including research, diagnostic testing, experimentation, and quality-assurance tasks in academic, clinical, and commercial settings.

According to an article published by the PETERSON-KFF Health System Tracker, healthcare spending in the U.S. increased by 9.7% and reached USD 4.1 trillion in 2020, significantly faster than the 4.3% increase in 2019.

Market Dynamics:

Driver:

Increasing R&D investment

The surge in research activity is intensifying the need for high-quality lab consumables, analytical instruments, and advanced sample-processing tools. Technological

+357 96 030922
info@marketpublishers.com

advancements such as automation, AI-enabled workflow systems, and high-throughput screening platforms are further boosting demand for modern lab supplies. Academic institutes and CROs are expanding their research scope, encouraging higher procurement volumes. Growing investment in genomics, drug discovery, and molecular diagnostics is pushing laboratories to adopt more precise, reproducible, and digitally integrated equipment. As global research ecosystems mature, lab supply manufacturers are accelerating innovation to support emerging scientific applications.

Restraint:

Shortage of skilled personnel

Many facilities struggle with operating sophisticated instruments such as automated analyzers, sequencing platforms, and AI-based laboratory information systems. This talent gap increases dependency on extensive training programs, raising operational costs for institutions and research centers. Small laboratories, in particular, face challenges integrating upgraded equipment due to limited staffing expertise. The complexity of regulatory compliance and quality assurance adds further burden to understaffed labs.

Opportunity:

Integration of automation and AI/IoT

Automated liquid handling systems, smart centrifuges, and cloud-based inventory platforms are enabling greater accuracy and reducing manual errors. IoT-enabled monitoring tools are improving asset tracking, consumable usage prediction, and quality control. AI algorithms are now supporting predictive maintenance and real-time workflow optimization. These technologies are allowing laboratories to scale capacity, accelerate testing turnaround times, and enhance reproducibility. As automation becomes more accessible, suppliers are developing modular, user-friendly solutions tailored for research, clinical diagnostics, and industrial laboratories.

Threat:

Intense price competition

The commoditization of consumables such as pipette tips, tubes, and reagents has led to competitive pricing strategies and shrinking margins. Increased presence of low-cost

+357 96 030922
info@marketpublishers.com

suppliers, especially from emerging markets, is reshaping procurement dynamics. To stay competitive, key players are investing in lean manufacturing, automation-driven production, and digital distribution platforms. Price-sensitive customers are opting for bulk procurement, reusable items, and value-tier products, pushing companies to diversify their offerings.

Covid-19 Impact:

Global supply chains faced severe disruptions, prompting laboratories to reassess sourcing strategies and strengthen inventory resilience. The crisis also stimulated rapid adoption of automated sample handling, remote diagnostics, and cloud-based lab management solutions. Emergency regulatory pathways facilitated quicker approval of diagnostic materials and testing equipment. Post-pandemic, laboratories continue to prioritize preparedness, automation, and decentralized testing models. This shift has permanently amplified demand for high-quality, scalable, and digitally integrated lab supplies.

The equipment segment is expected to be the largest during the forecast period

The equipment segment is expected to account for the largest market share during the forecast period, due to its essential role in supporting a wide range of research, diagnostic, and analytical activities. High adoption of advanced instruments such as spectrophotometers, incubators, centrifuges, and biosafety cabinets is strengthening this segment’s leadership. Continuous technological advancements, including touchscreen interfaces, IoT-enabled monitoring, and energy-efficient designs, are improving operational performance. The expansion of biopharma R&D and molecular biology studies is driving demand for precision equipment. Laboratories are also upgrading legacy systems to integrate automation and smart connectivity.

The clinical & diagnostic laboratories segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the clinical & diagnostic laboratories segment is predicted to witness the highest growth rate, due to rising testing volumes, expanding infectious disease surveillance, and increased preventive healthcare awareness. Advancements in molecular diagnostics, immunoassays, and point-of-care platforms are boosting the adoption of high-performance lab supplies. These labs increasingly rely on automated analyzers, rapid test kits, and data-driven workflow systems to improve efficiency. Digital LIMS platforms and AI-based diagnostic tools are enabling faster sample

+357 96 030922
info@marketpublishers.com

tracking and quicker clinical decisions. The expansion of decentralized testing centers and private diagnostic chains is fueling procurement of consumables and equipment.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share, driven by rapid expansion of healthcare infrastructure, biomedical research, and diagnostic capacity. Countries such as China, India, Japan, and South Korea are investing heavily in laboratory modernization and local production of equipment and consumables. Government funding for biotechnology, precision medicine, and pharmaceutical R&D is accelerating demand for advanced lab supplies. The region is also experiencing rising adoption of automation, AI-driven analytics, and robotics-based research platforms. Collaborative partnerships between global manufacturers and regional players are enhancing technology transfer and affordability.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR, owing to strong technological innovation and substantial investment in scientific research. The region leads advancements in genomics, proteomics, cell therapy, and AI-driven laboratory operations. Laboratories are rapidly integrating digital workflow systems, smart instruments, and advanced automation to enhance productivity. Supportive regulatory frameworks and funding programs are encouraging faster commercialization of new lab technologies. Major universities, biopharma companies, and clinical research organizations consistently drive high consumption of premium lab supplies.

Key players in the market

Some of the key players in Lab Supplies Market include Thermo Fisher Scientific, QIAGEN N.V., Danaher Corporation, Shimadzu Corporation, Merck KGaA, Mettler-Toledo, Agilent Technologies, Waters Corporation, Sartorius AG, Bruker Corporation, Avantor Inc., PerkinElmer, Corning Incorporated, Bio-Rad Laboratories, and Eppendorf.

Key Developments:

In October 2025, Thermo Fisher Scientific Inc. announced a definitive agreement to acquire Clario Holdings, Inc., a leading provider of endpoint data solutions for clinical trials, from a shareholder group led by Astorg and Nordic Capital, Novo Holdings and

+357 96 030922
info@marketpublishers.com

Cinven, for $8.875 billion in cash at close plus potential additional earnout and other payments in the future, largely dependent on performance.

In October 2025, Merck has entered into a partnership with Promega Corporation, a global life science solutions and service leader based in Madison, Wisconsin in the US, to co-develop novel technologies that advance drug screening and discovery. The agreement unites Merck’s strength in organoids and synthetic chemistry with Promega's market leading assay and reporter technologies.

Product Types Covered:

- Equipment
- Consumables
- Other Product Types

Material Types Covered:

- Glass
- Plastic
- Metal

Distribution Channels Covered:

- Direct Sales
- Distributors
- Online Platforms

Applications Covered:

- Research

+357 96 030922
info@marketpublishers.com

- Forensic Testing
- Clinical Diagnostics
- Environmental Testing
- Quality Control & Assurance
- Drug Discovery & Development
- Other Applications

End Users Covered:

- Academic & Research Institutes
- Contract Research Organizations (CROs)
- Pharmaceutical & Biotechnology Companies
- Clinical & Diagnostic Laboratories
- Hospitals
- Food & Beverage Testing Laboratories
- Environmental Testing Laboratories
- Other End Users

Regions Covered:

- North America
  - US

+357 96 030922
info@marketpublishers.com

- Canada
- Mexico

Europe

- Germany
- UK
- Italy
- France
- Spain
- Rest of Europe

Asia Pacific

- Japan
- China
- India
- Australia
- New Zealand
- South Korea
- Rest of Asia Pacific

South America

- Argentina
- Brazil

+357 96 030922
info@marketpublishers.com

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

+357 96 030922
info@marketpublishers.com

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

5 GLOBAL LAB SUPPLIES MARKET, BY PRODUCT TYPE

6 GLOBAL LAB SUPPLIES MARKET, BY MATERIAL TYPE

7 GLOBAL LAB SUPPLIES MARKET, BY DISTRIBUTION CHANNEL

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

11 KEY DEVELOPMENTS

12 COMPANY PROFILING

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Lab Supplies Market Forecasts to 2032 – Global Analysis By Product Type (Equipment, Consumables, and Other Product Types), Material Type, Distribution Channel, Application, End User and By Geography

Product link: https://marketpublishers.com/r/L129502C85CEEN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/L129502C85CEEN.html