

# Global In Vitro Diagnostic Packaging Market Size Study & Forecast, by Product Type and Application, and Regional Forecasts 2025–2035

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## Abstracts

The Global In Vitro Diagnostic (IVD) Packaging Market is valued at approximately USD 9.30 billion in 2024 and is expected to expand at a robust CAGR of 5.10% during the forecast period from 2025 to 2035. In vitro diagnostic packaging serves as a critical component in maintaining the integrity, safety, and efficiency of diagnostic devices and reagents, ranging from blood collection tubes and specimen containers to complex molecular testing kits. As healthcare continues to undergo a paradigm shift toward precision medicine and home-based diagnostics, the need for specialized, sterile, and user-friendly IVD packaging formats—such as vials, tubes, Petri dishes, and smart labeling—is growing at a remarkable pace. The pandemic significantly amplified global awareness and investment in diagnostic infrastructures, fostering long-term demand for robust packaging that can withstand both transportation stress and bio-contamination risks.

The market is being propelled by the increasing prevalence of chronic diseases, rising geriatric population, and the sharp rise in point-of-care testing solutions that require compact, ready-to-use diagnostic formats. With growing emphasis on personalized healthcare, diagnostic labs and healthcare providers are adopting modular and tamper-proof packaging solutions to streamline logistics and regulatory compliance. This trend has opened the doors for innovations in label technologies and smart traceability using RFID and QR-code-based systems. Moreover, packaging materials with enhanced chemical resistance and barrier properties are in high demand to extend product shelf life and reduce sample degradation. However, stringent regulatory scrutiny, rising concerns around medical plastic waste, and fluctuating raw material prices continue to pose challenges for manufacturers.

From a regional perspective, North America commanded a significant share of the global IVD packaging market in 2025, bolstered by the high adoption of diagnostic tests, presence of advanced healthcare infrastructure, and a robust regulatory framework encouraging innovation. The United States, in particular, is at the forefront, with diagnostic labs investing in automated specimen handling and safe transport solutions. Meanwhile, Asia Pacific is poised to witness the highest growth over the forecast horizon, led by burgeoning investments in diagnostics in countries like China and India, coupled with government initiatives supporting localized healthcare manufacturing. Europe remains a crucial hub, driven by stringent quality standards and increasing adoption of decentralized testing methods in clinical settings across Germany, the UK, and France.

Major market player included in this report are:

Thermo Fisher Scientific Inc.

Greiner Bio-One International GmbH

Amcor plc

BD (Becton, Dickinson and Company)

West Pharmaceutical Services, Inc.

Gerresheimer AG

DWK Life Sciences GmbH

Bio-Rad Laboratories, Inc.

AptarGroup, Inc.

Catalent, Inc.

SCHOTT AG

Nipro Corporation

Qorpak

Corning Incorporated

SiO2 Materials Science

## Global In Vitro Diagnostic Packaging Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Product Type:

Bottles and Vials

Tubes

Petri Dishes

Labels & Stickers

Others

By Application:

(Segment details can be customized per client scope)

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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