

Global IVD Reagents Market Size Study & Forecast, by Type (Antibodies, Oligonucleotides, Nucleic Acid Probes), Technology (Immunoassays, Clinical Chemistry, Molecular Diagnostics), Application (Infectious Diseases, Diabetes, Oncology), End-User (Hospitals & Clinics, Blood Banks, Home Care) and Regional Forecasts 2025-2035

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Abstracts

The Global IVD Reagents Market is valued at approximately USD 80.72 billion in 2024 and is projected to grow at a compound annual growth rate (CAGR) of more than 6.80% over the forecast period from 2025 to 2035. In-vitro diagnostic (IVD) reagents are indispensable components in medical diagnostics, enabling clinicians and laboratories to perform accurate, early, and disease-specific tests. These reagents are used in combination with IVD instruments and kits to identify infections, chronic conditions, and genetic predispositions, significantly accelerating the decision-making process for healthcare providers. The proliferation of chronic and infectious diseases, compounded by a global aging population and increasing patient awareness, is propelling the demand for sophisticated and rapid diagnostic solutions — thereby catalyzing the growth of the IVD reagents market globally.

The market's trajectory is further augmented by ongoing advancements in diagnostics technology, including automation, high-throughput testing, and miniaturization of diagnostic devices. For instance, the rising deployment of molecular diagnostic techniques during and after the COVID-19 pandemic has underscored the need for scalable and efficient reagent formulations. Additionally, the surge in personalized medicine, coupled with rising investments in genomics and biomarker research, has positioned reagents at the epicenter of innovation in healthcare diagnostics. However,

the market is not without its restraints — high costs associated with sophisticated reagents and instruments, stringent regulatory frameworks, and reimbursement limitations are some of the headwinds anticipated to pose challenges to rapid expansion.

Geographically, North America held the lion's share of the global IVD reagents market in 2024, largely due to the region's robust healthcare infrastructure, early adoption of cutting-edge diagnostic tools, and strong presence of key industry players. The United States, in particular, continues to dominate due to its significant investments in healthcare research and diagnostics innovation. Meanwhile, the Asia Pacific region is expected to witness the fastest CAGR over the forecast period. Nations like China, India, and Japan are driving this growth, owing to their expanding healthcare expenditure, growing population base, increasing burden of chronic diseases, and government-led initiatives to modernize diagnostics capabilities. Europe also remains a pivotal market, supported by widespread screening programs, advanced healthcare access, and collaborative efforts among diagnostic laboratories and biotech companies.

Major market player included in this report are:

Bio-Rad Laboratories Inc.

Roche Diagnostics

Siemens Healthineers

Thermo Fisher Scientific

Becton, Dickinson and Company

Abbott Laboratories

QuidelOrtho Corporation

Agilent Technologies

Biomerieux SA

Danaher Corporation

Merck KGaA

PerkinElmer Inc.

Hologic Inc.

GenScript Biotech Corporation

F. Hoffmann-La Roche Ltd

Global IVD Reagents 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 Type:

Antibodies

Oligonucleotides

Nucleic Acid Probes

By Technology:

Immunoassays

Clinical Chemistry

Molecular Diagnostics

By Application:

Infectious Diseases

Diabetes

Oncology

By End-User:

Hospitals & Clinics

Blood Banks

Home Care

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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