

# Biologics Testing Market Segments, Drivers, Restraints And Trends For 2024-2033

*The Business Research Company's  
Biologics Testing Market Segments,  
Drivers, Restraints And Trends For 2024-  
2033*

LONDON, GREATER LONDON, UK,  
August 23, 2024 /EINPresswire.com/ --  
The global biologics testing market has  
demonstrated remarkable growth,  
increasing from \$5.09 billion in 2023 to

\$5.88 billion in 2024, reflecting a compound annual growth rate (CAGR) of 15.6%. Despite challenges, including stringent regulatory standards and high quality control requirements, the market is poised to reach \$10.82 billion by 2028 at a compound annual growth rate (CAGR) of 15.6%. , driven by advancements in biologics development and rising biopharmaceutical investments.



It will grow to \$10.82 billion in 2028 at a compound annual growth rate (CAGR) of 16.5%. "

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Company*

Unleashing Potential in the Thriving Biologics Testing Market of Pharmaceutical and Biotechnology Advancements

The rapid expansion of the pharmaceutical and biotechnology industries is a key driver for the biologics testing market. The pharmaceutical sector focuses on developing and manufacturing medications, while

biotechnology leverages technology to advance healthcare. Biologics testing encompasses various tests to identify impurities, assess stability, and evaluate immune responses to drugs. The growth of these industries has spurred technological advancements in biologics testing, improving accuracy and efficiency, and reducing time and costs associated with bringing new biologics to market. For example, European pharmaceutical production increased by 4.64% in 2021, and the US biotech sector saw 84 initial public offerings raising \$15 billion in 2020, underscoring the sector's vibrant expansion.

Explore comprehensive insights into the global biologics testing market with a detailed sample report:

[https://www.thebusinessresearchcompany.com/sample\\_request?id=10276&type=smp](https://www.thebusinessresearchcompany.com/sample_request?id=10276&type=smp)



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Biologics Testing Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033

## Key Players and Technological Innovations

Leading companies in the biologics testing market, including Charles River Laboratories Inc., Thermo Fisher Scientific Inc., and Merck KGaA, are at the forefront of innovation. They are developing advanced technologies such as protein engineering and next-generation sequencing. For instance, Queensland University of Technology recently introduced a novel protein-engineering technique that enhances laboratory testing capabilities. This innovation is expected to significantly impact the market by improving diagnostic test accuracy and efficiency.

## Market Trends

The biologics testing market is experiencing notable trends, including the adoption of advanced analytical technologies, cell-based assays, and the integration of artificial intelligence (AI). Quality by Design (QBD) principles and rapid methods for product release are becoming increasingly prominent. These trends are contributing to a more sophisticated and efficient testing environment, aligning with the growing demand for advanced therapies and contract testing services.

These trends reflect the dynamic nature of the biologics testing market and underscore the importance of staying updated with technological and regulatory advancements.

## Market Segments

- By Product: Reagents and Kits, Instruments, Other Products
- By Test Type: Endotoxin Test, Sterility Test, Mycoplasma Tests, Bioburden Tests, Residual Host-Cell Proteins and DNA Detection Tests, Virus Safety Test, Other Test Types
- By Application: Vaccine Development and Manufacturing, Monoclonal Antibodies Development and Manufacturing, Cellular and Gene Therapy Products Development and Manufacturing, Blood and Blood Products Development and Manufacturing, Other Applications

## Regional Insights: North America Leading the Market

North America emerged as the largest region in the biologics testing market in 2023 and is expected to maintain this position. The region's dominance is attributed to its advanced biomanufacturing infrastructure and high investment in biopharmaceuticals. The comprehensive report provides in-depth analysis of regional dynamics, market trends, and growth opportunities.

Access the complete report for an in-depth analysis of the global biologics testing market:

<https://www.thebusinessresearchcompany.com/report/biologics-testing-global-market-report>

Biologics Testing Global Market Report 2024 from [The Business Research Company](#) covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan,

Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Biologics Testing Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on biologics testing market size, biologics testing market drivers and trends, biologics testing market major players, biologics testing competitors' revenues, biologics testing market positioning, and biologics testing market growth across geographies. The biologics testing market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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About The Business Research Company

The Business Research Company has published over 15000+ reports in 27 industries, spanning 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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