

Biological Safety Testing Products and Services Market Size, Trends, Analysis, and Outlook By Product (Reagents & Kits, Services, Instruments), By Application (Vaccines & Therapeutics, Blood & Blood-based Products, Gene Therapy, Tissue & Tissue-based Products, Stem Cell), By Test Type (Endotoxin Tests, Sterility Tests, Cell Line Authentication & Characterization Tests, Bioburden Tests, Adventitious Agent Detection Tests, Residual Host Contamination Detection Tests, Others), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/B8F1B9CDAE53EN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: B8F1B9CDAE53EN

Abstracts

The global Biological Safety Testing Products and Services market size is poised to register 13.18% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Biological Safety Testing Products and Services market across By Product (Reagents & Kits, Services, Instruments), By Application (Vaccines & Therapeutics, Blood & Blood-based Products, Gene Therapy, Tissue & Tissue-based Products, Stem Cell), By Test Type (Endotoxin Tests, Sterility Tests, Cell Line Authentication & Characterization Tests, Bioburden Tests, Adventitious Agent Detection Tests, Residual Host Contamination Detection Tests, Others).

The biological safety testing products and services market are experiencing robust growth driven by several factors in 2024 and beyond. Biological safety testing encompasses a range of assays and services used to assess the safety, purity, and

potency of biological products such as vaccines, biopharmaceuticals, and cell-based therapies, ensuring compliance with regulatory requirements and quality standards. Market growth is fueled by the increasing demand for biological products for therapeutic and diagnostic applications, driving the need for comprehensive safety evaluation throughout the product development lifecycle. Moreover, advancements in cell-based assays, molecular biology techniques, and bioinformatics are enhancing the sensitivity, specificity, and throughput of safety testing methods, driving market adoption. Additionally, the growing outsourcing of biological safety testing activities to specialized contract testing organizations is driving market expansion, allowing biopharmaceutical companies to access expertise, infrastructure, and regulatory compliance in a cost-effective manner. Furthermore, strategic collaborations between testing service providers, pharmaceutical companies, and regulatory agencies are driving innovation, quality assurance, and market competitiveness, shaping industry dynamics.

Biological Safety Testing Products and Services Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Biological Safety Testing Products and Services market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Biological Safety Testing Products and Services survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Biological Safety Testing Products and Services industry.

Key market trends defining the global Biological Safety Testing Products and Services demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Biological Safety Testing Products and Services Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Biological Safety Testing Products and Services industry comprises a wide range of

segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Biological Safety Testing Products and Services companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Biological Safety Testing Products and Services industry

Leading Biological Safety Testing Products and Services companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Biological Safety Testing Products and Services companies.

Biological Safety Testing Products and Services Market Study- Strategic Analysis Review

The Biological Safety Testing Products and Services market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Biological Safety Testing Products and Services Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Biological Safety Testing Products and Services industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Biological Safety Testing Products and Services Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Biological Safety Testing Products and Services Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Biological Safety Testing Products and Services market segments. Similarly, Strong end-user demand is encouraging Canadian Biological Safety Testing Products and Services companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Biological Safety Testing Products and Services market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Biological Safety Testing Products and Services Market Size Outlook- Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Biological Safety Testing Products and Services industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects

positions the European Biological Safety Testing Products and Services market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Biological Safety Testing Products and Services Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Biological Safety Testing Products and Services in Asia Pacific. In particular, China, India, and South East Asian Biological Safety Testing Products and Services markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Biological Safety Testing Products and Services Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Biological Safety Testing Products and Services Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Biological Safety Testing Products and Services market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Biological Safety Testing Products and Services.

Biological Safety Testing Products and Services Market Company Profiles

The global Biological Safety Testing Products and Services market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are BIOM?RIEUX, BSL Bioservice, Charles River Laboratories, Eurofins Scientific, Lonza, Merck KGaA, Samsung Biologics, Sartorius AG, SGS Soci?t? G?n?rale de Surveillance SA, Thermo Fisher Scientific Inc

Recent Biological Safety Testing Products and Services Market Developments

The global Biological Safety Testing Products and Services market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Biological Safety Testing Products and Services Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product

Reagents & Kits

Services

Instruments

By Application

Vaccines & Therapeutics

-Vaccines

-Monoclonal Antibodies

-Recombinant Protein

Blood & Blood-based Products

Gene Therapy

Tissue & Tissue-based Products

Stem Cell

By Test Type

Endotoxin Tests

Sterility Tests

Cell Line Authentication & Characterization Tests

Bioburden Tests

Adventitious Agent Detection Tests

Residual Host Contamination Detection Tests

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

BIOM?RIEUX

BSL Bioservice

Charles River Laboratories

Eurofins Scientific

Lonza

Merck KGaA

Samsung Biologics

Sartorius AG

SGS Soci?t? G?n?rale de Surveillance SA

Thermo Fisher Scientific Inc

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Biological Safety Testing Products and Services Market Overview and Key Findings, 2024
- 1.2 Biological Safety Testing Products and Services Market Size and Growth Outlook, 2021- 2030
- 1.3 Biological Safety Testing Products and Services Market Growth Opportunities to 2030
- 1.4 Key Biological Safety Testing Products and Services Market Trends and Challenges
 - 1.4.1 Biological Safety Testing Products and Services Market Drivers and Trends
 - 1.4.2 Biological Safety Testing Products and Services Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Biological Safety Testing Products and Services Companies

2. BIOLOGICAL SAFETY TESTING PRODUCTS AND SERVICES MARKET SIZE OUTLOOK TO 2030

- 2.1 Biological Safety Testing Products and Services Market Size Outlook, USD Million, 2021- 2030
- 2.2 Biological Safety Testing Products and Services Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. BIOLOGICAL SAFETY TESTING PRODUCTS AND SERVICES MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. BIOLOGICAL SAFETY TESTING PRODUCTS AND SERVICES MARKET

SEGMENTATION ANALYSIS AND OUTLOOK

4.1 Market Segmentation and Scope

4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030

By Product

Reagents & Kits

Services

Instruments

By Application

Vaccines & Therapeutics

-Vaccines

-Monoclonal Antibodies

-Recombinant Protein

Blood & Blood-based Products

Gene Therapy

Tissue & Tissue-based Products

Stem Cell

By Test Type

Endotoxin Tests

Sterility Tests

Cell Line Authentication & Characterization Tests

Bioburden Tests

Adventitious Agent Detection Tests

Residual Host Contamination Detection Tests

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Biological Safety Testing Products and Services Market, 2025

5.2 Asia Pacific Biological Safety Testing Products and Services Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Biological Safety Testing Products and Services Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Biological Safety Testing Products and Services Market, 2025

5.5 Europe Biological Safety Testing Products and Services Market Size Outlook by

Type, 2021- 2030

5.6 Europe Biological Safety Testing Products and Services Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Biological Safety Testing Products and Services Market, 2025

5.8 North America Biological Safety Testing Products and Services Market Size Outlook by Type, 2021- 2030

5.9 North America Biological Safety Testing Products and Services Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Biological Safety Testing Products and Services Market, 2025

5.11 South America Pacific Biological Safety Testing Products and Services Market Size Outlook by Type, 2021- 2030

5.12 South America Biological Safety Testing Products and Services Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Biological Safety Testing Products and Services Market, 2025

5.14 Middle East Africa Biological Safety Testing Products and Services Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Biological Safety Testing Products and Services Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Biological Safety Testing Products and Services Market Size Outlook and Revenue Growth Forecasts

6.2 US Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Biological Safety Testing Products and Services Industry Drivers and

Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

6.30 South East Asia Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts

6.32 Rest of Asia Pacific Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.33 Brazil Market Size Outlook and Revenue Growth Forecasts

6.34 Brazil Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.36 Argentina Market Size Outlook and Revenue Growth Forecasts

6.36 Argentina Biological Safety Testing Products and Services Industry Drivers and

Opportunities

6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts

6.38 Rest of South America Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.39 Middle East Market Size Outlook and Revenue Growth Forecasts

6.40 Middle East Biological Safety Testing Products and Services Industry Drivers and Opportunities

6.41 Africa Market Size Outlook and Revenue Growth Forecasts

6.42 Africa Biological Safety Testing Products and Services Industry Drivers and Opportunities

7. BIOLOGICAL SAFETY TESTING PRODUCTS AND SERVICES MARKET OUTLOOK ACROSS SCENARIOS

7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

8. BIOLOGICAL SAFETY TESTING PRODUCTS AND SERVICES COMPANY PROFILES

8.1 Profiles of Leading Biological Safety Testing Products and Services Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

BIOM?RIEUX

BSL Bioservice

Charles River Laboratories

Eurofins Scientific

Lonza

Merck KGaA

Samsung Biologics

Sartorius AG

SGS Soci?t? G?n?rale de Surveillance SA

Thermo Fisher Scientific Inc

9. APPENDIX

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

I would like to order

Product name: Biological Safety Testing Products and Services Market Size, Trends, Analysis, and Outlook By Product (Reagents & Kits, Services, Instruments), By Application (Vaccines & Therapeutics, Blood & Blood-based Products, Gene Therapy, Tissue & Tissue-based Products, Stem Cell), By Test Type (Endotoxin Tests, Sterility Tests, Cell Line Authentication & Characterization Tests, Bioburden Tests, Adventitious Agent Detection Tests, Residual Host Contamination Detection Tests, Others), by Region, Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/B8F1B9CDAE53EN.html>

Price: US\$ 3,980.00 (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/B8F1B9CDAE53EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970