

Antibody Production Market Size, Trends, Analysis, and Outlook By Product (Instruments, Consumables, Software), By Process (Upstream processing, Downstream processing), By Type (Polyclonal antibody, Monoclonal antibody), By End-User (Pharmaceutical and biotechnology companies, Research laboratories, CROs and CDMOs), by Country, Segment, and Companies, 2024-2032

<https://marketpublishers.com/r/AD1E7D4DAED0EN.html>

Date: April 2024

Pages: 205

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

ID: AD1E7D4DAED0EN

Abstracts

The global Antibody Production market size is poised to register 13.1% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Antibody Production market across By Product (Instruments, Consumables, Software), By Process (Upstream processing, Downstream processing), By Type (Polyclonal antibody, Monoclonal antibody), By End-User (Pharmaceutical and biotechnology companies, Research laboratories, CROs and CDMOs)

The antibody production market is driven by the increasing demand for therapeutic antibodies, diagnostic reagents, and research tools in biopharmaceuticals, healthcare, and life sciences. By 2030, the market is expected to witness robust growth, fueled by advancements in antibody engineering, cell culture technologies, and bioprocessing methods. Further, expanding applications in immunotherapy, infectious disease diagnostics, and precision medicine are anticipated to drive market expansion, offering opportunities for contract manufacturing organizations and biotech companies to meet the growing demand for high-quality antibodies worldwide.

Antibody Production 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 Antibody Production market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Antibody Production 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 Antibody Production industry.

Key market trends defining the global Antibody Production 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.

Antibody Production Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Antibody Production 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 Antibody Production companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Antibody Production industry

Leading Antibody Production 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 Antibody Production companies.

Antibody Production Market Study- Strategic Analysis Review

The Antibody Production 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.

Antibody Production Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Antibody Production 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 2032 in three case scenarios- low case, reference case, and high case scenarios.

Antibody Production Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. 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 2032.

North America Antibody Production 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 healthcare infrastructure. Leading companies focus on new product launches in the changing

environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Antibody Production market segments. Similarly, Strong market demand is encouraging Canadian Antibody Production companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Antibody Production market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Antibody Production Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Antibody Production 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 vendors in identifying and leveraging new growth prospects positions the European Antibody Production 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 Antibody Production 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 Antibody Production in Asia Pacific. In particular, China, India, and South East Asian Antibody Production markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors 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 countries in the APAC region.

Latin America Antibody Production 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 Antibody Production 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 Antibody Production market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Antibody Production.

Antibody Production Market Company Profiles

The global Antibody Production 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 Agilent Technologies Inc, Azenta US Inc, BGI Group, Illumina Inc, Pacific Biosciences of California Inc, PerkinElmer Inc, ProPhase Labs Inc, Psomagen Inc, QIAGEN N.V., Thermo Fisher Scientific Inc.

Recent Antibody Production Market Developments

The global Antibody Production market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Antibody Production Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (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

Instruments

-Bioreactors

-Chromatography systems

-Filtration systems

Consumables

-Media

-Buffers and reagents

-Chromatography resins and columns

-Filtration consumables and accessories

-Others

Software

By Process

Upstream processing

Downstream processing

By Type

Polyclonal antibody

Monoclonal antibody

By End-User

Pharmaceutical and biotechnology companies

Research laboratories

CROs and CDMOs

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Agilent Technologies Inc

Azenta US Inc

BGI Group

Illumina Inc

Pacific Biosciences of California Inc

PerkinElmer Inc

ProPhase Labs Inc

Psomagen Inc

QIAGEN N.V.

Thermo Fisher Scientific Inc

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

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

2. ANTIBODY PRODUCTION MARKET SIZE OUTLOOK TO 2030

- 2.1 Antibody Production Market Size Outlook, USD Million, 2021- 2030
- 2.2 Antibody Production Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. ANTIBODY PRODUCTION 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. ANTIBODY PRODUCTION 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
 - Instruments
 - Bioreactors

-Chromatography systems

-Filtration systems

Consumables

-Media

-Buffers and reagents

-Chromatography resins and columns

-Filtration consumables and accessories

-Others

Software

By Process

Upstream processing

Downstream processing

By Type

Polyclonal antibody

Monoclonal antibody

By End-User

Pharmaceutical and biotechnology companies

Research laboratories

CROs and CDMOs

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 Antibody Production Market, 2025

5.2 Asia Pacific Antibody Production Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Antibody Production Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Antibody Production Market, 2025

5.5 Europe Antibody Production Market Size Outlook by Type, 2021- 2030

5.6 Europe Antibody Production Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Antibody Production Market, 2025

5.8 North America Antibody Production Market Size Outlook by Type, 2021- 2030

5.9 North America Antibody Production Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Antibody Production Market, 2025

5.11 South America Pacific Antibody Production Market Size Outlook by Type, 2021- 2030

5.12 South America Antibody Production Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Antibody Production Market, 2025

5.14 Middle East Africa Antibody Production Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Antibody Production Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Antibody Production Market Size Outlook and Revenue Growth Forecasts

6.2 US Antibody Production Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Antibody Production Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Antibody Production Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Antibody Production Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Antibody Production Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Antibody Production Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Antibody Production Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Antibody Production Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Antibody Production Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Antibody Production Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Antibody Production Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Antibody Production Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Antibody Production Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia Antibody Production Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

6.30 South East Asia Antibody Production Industry Drivers and Opportunities

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

6.32 Rest of Asia Pacific Antibody Production Industry Drivers and Opportunities

6.33 Brazil Market Size Outlook and Revenue Growth Forecasts

- 6.34 Brazil Antibody Production Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Antibody Production Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Antibody Production Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Antibody Production Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Antibody Production Industry Drivers and Opportunities

7. ANTIBODY PRODUCTION MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. ANTIBODY PRODUCTION COMPANY PROFILES

- 8.1 Profiles of Leading Antibody Production Companies in the Market
 - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
 - 8.3 Financial Performance and Key Metrics
- Agilent Technologies Inc
- Azenta US Inc
- BGI Group
- Illumina Inc
- Pacific Biosciences of California Inc
- PerkinElmer Inc
- ProPhase Labs Inc
- Psomagen Inc
- QIAGEN N.V.
- 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

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