

Global Antibody Production Market Size study, By Process (Upstream Processing, Downstream Processing, Filtration), By End-Users (Pharmaceutical and Biotechnology Companies, Diagnostic Laboratories, Research Institutes), and Regional Forecasts 2022-2028

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Abstracts

Global Antibody Production Market is valued approximately USD 13.28 Billion in 2021 and is anticipated to grow with a healthy growth rate of more than 12.3% over the forecast period 2022-2028.

The antibody is commonly known as the immunoglobulin and a Y-shaped protein. The antibodies are produced by the plasma cells and used by the immune system to protect the individual's body from intruders such as bacteria and viruses. The immune system generates antibodies to fight against antigens or foreign bodies that enter inside the body. Accordingly, antibody production is boosting the competence of the immune system to fight against pathogens and safeguards the individual's body. The growing adoption of targeted immunotherapy, rising incidences of diseases such as rheumatoid arthritis, cancer, and other chronic diseases, and growing investments for the R&D activities, coupled with the growth of the pharmaceutical and biotechnological industry are the chief factors that are surging the market demand across the globe. For instance, as per the American Cancer Society, in the United States there were approximately 1,735,350 new cancer cases diagnosed and 609,640 cancer deaths in 2018. Also, the amount is likely to increase and reach to 1.9 million new cancer cases diagnosed and 609,360 cancer deaths by 2022.

. Thereby, rising incidences of the target diseases are anticipated to fuel the market

demand in the near future. However, the high costs of primary antibodies and cost constraints associated with the adoption of membrane filters impede the growth of the market over the forecast period of 2022-2028. Also, the increasing demand for protein therapeutics and the growing risk of infectious diseases is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Antibody Production market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the availability of government funding for medical research, regulatory approvals and authorization for use of monoclonal antibodies (MABs) , and the presence of the leading companies in the region. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the growing prevalence of cancer, as well as the rising need for quality cancer treatment, would create lucrative growth prospects for the Antibody Production market across the Asia-Pacific region.

Major market players included in this report are:

GE Healthcare

Thermo Fisher Scientific, Inc.

Sartorius AG

Merck KGaA

Pall Corporation

Sigma-Aldrich Corporation

Eppendorf AG

Cellab GmbH

INTEGRA Biosciences AG

FiberCell Systems Inc.

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

By Process

Upstream Processing

Downstream Processing

Filtration
By End-Users
Pharmaceutical and Biotechnology Companies
Diagnostic Laboratories
Research Institutes
By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Antibody Production Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
 - 1.2.1. Global Antibody Production Market, by Region, 2020-2028 (USD Billion)
 - 1.2.2. Global Antibody Production Market, by Process, 2020-2028 (USD Billion)
 - 1.2.3. Global Antibody Production Market, by End Users, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL ANTIBODY PRODUCTION MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL ANTIBODY PRODUCTION MARKET DYNAMICS

- 3.1. Antibody Production Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing adoption of targeted immunotherapy
 - 3.1.1.2. Rising R&D investments by pharmaceutical & biotechnological companies
 - 3.1.2. Market Challenges
 - 3.1.2.1. High costs of primary antibodies
 - 3.1.2.2. Cost constraints associated to the adoption of membrane filters
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing demand for protein therapeutics
 - 3.1.3.2. Growing risk of infectious diseases

CHAPTER 4. GLOBAL ANTIBODY PRODUCTION MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2019-2028)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

CHAPTER 6. GLOBAL ANTIBODY PRODUCTION MARKET, BY PROCESS

- 6.1. Market Snapshot
- 6.2. Global Antibody Production Market by Process, Performance - Potential Analysis
- 6.3. Global Antibody Production Market Estimates & Forecasts by Process 2019-2028 (USD Billion)
- 6.4. Antibody Production Market, Sub Segment Analysis
 - 6.4.1. Upstream Processing
 - 6.4.2. Downstream Processing
 - 6.4.3. Filtration

CHAPTER 7. GLOBAL ANTIBODY PRODUCTION MARKET, BY END USERS

- 7.1. Market Snapshot
- 7.2. Global Antibody Production Market by End Users, Performance - Potential Analysis
- 7.3. Global Antibody Production Market Estimates & Forecasts by End Users 2019-2028 (USD Billion)
- 7.4. Antibody Production Market, Sub Segment Analysis

- 7.4.1. Pharmaceutical and Biotechnology Companies
- 7.4.2. Diagnostic Laboratories
- 7.4.3. Research Institutes

CHAPTER 8. GLOBAL ANTIBODY PRODUCTION MARKET, REGIONAL ANALYSIS

- 8.1. Antibody Production Market, Regional Market Snapshot
- 8.2. North America Antibody Production Market
 - 8.2.1. U.S. Antibody Production Market
 - 8.2.1.1. Process estimates & forecasts, 2019-2028
 - 8.2.1.2. End Users estimates & forecasts, 2019-2028
 - 8.2.2. Canada Antibody Production Market
- 8.3. Europe Antibody Production Market Snapshot
 - 8.3.1. U.K. Antibody Production Market
 - 8.3.2. Germany Antibody Production Market
 - 8.3.3. France Antibody Production Market
 - 8.3.4. Spain Antibody Production Market
 - 8.3.5. Italy Antibody Production Market
 - 8.3.6. Rest of Europe Antibody Production Market
- 8.4. Asia-Pacific Antibody Production Market Snapshot
 - 8.4.1. China Antibody Production Market
 - 8.4.2. India Antibody Production Market
 - 8.4.3. Japan Antibody Production Market
 - 8.4.4. Australia Antibody Production Market
 - 8.4.5. South Korea Antibody Production Market
 - 8.4.6. Rest of Asia Pacific Antibody Production Market
- 8.5. Latin America Antibody Production Market Snapshot
 - 8.5.1. Brazil Antibody Production Market
 - 8.5.2. Mexico Antibody Production Market
- 8.6. Rest of The World Antibody Production Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. GE Healthcare
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview
 - 9.2.1.3. Financial (Subject to Data Availability)

- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. Thermo Fisher Scientific, Inc.
- 9.2.3. Sartorius AG
- 9.2.4. Merck KGaA
- 9.2.5. Pall Corporation
- 9.2.6. Sigma-Aldrich Corporation
- 9.2.7. Eppendorf AG
- 9.2.8. Cellab GmbH
- 9.2.9. INTEGRA Biosciences AG
- 9.2.10. FiberCell Systems Inc.

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

- TABLE 1. Global Antibody Production Market, report scope
- TABLE 2. Global Antibody Production Market estimates & forecasts by Region 2019-2028 (USD Billion)
- TABLE 3. Global Antibody Production Market estimates & forecasts by Process 2019-2028 (USD Billion)
- TABLE 4. Global Antibody Production Market estimates & forecasts by End Users 2019-2028 (USD Billion)
- TABLE 5. Global Antibody Production Market by segment, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 6. Global Antibody Production Market by region, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 7. Global Antibody Production Market by segment, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 8. Global Antibody Production Market by region, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 9. Global Antibody Production Market by segment, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 10. Global Antibody Production Market by region, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 11. Global Antibody Production Market by segment, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 12. Global Antibody Production Market by region, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 13. Global Antibody Production Market by segment, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 14. Global Antibody Production Market by region, estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 15. U.S. Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)
- TABLE 16. U.S. Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)
- TABLE 17. U.S. Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)
- TABLE 18. Canada Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 19. Canada Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 20. Canada Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 21. UK Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 22. UK Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 23. UK Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 24. Germany Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 25. Germany Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 26. Germany Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 27. RoE Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 28. RoE Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 29. RoE Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 30. China Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 31. China Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 32. China Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 33. India Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 34. India Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 35. India Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 36. Japan Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 37. Japan Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 38. Japan Antibody Production Market estimates & forecasts by segment

2019-2028 (USD Billion)

TABLE 39. RoAPAC Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 40. RoAPAC Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 41. RoAPAC Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 42. Brazil Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 43. Brazil Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 44. Brazil Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 45. Mexico Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 46. Mexico Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 47. Mexico Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 48. RoLA Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 49. RoLA Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 50. RoLA Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 51. Row Antibody Production Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 52. Row Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 53. Row Antibody Production Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 54. List of secondary sources, used in the study of global Antibody Production Market

TABLE 55. List of primary sources, used in the study of global Antibody Production Market

TABLE 56. Years considered for the study

TABLE 57. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Antibody Production Market, research methodology
- FIG 2. Global Antibody Production Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Antibody Production Market, key trends 2021
- FIG 5. Global Antibody Production Market, growth prospects 2022-2028
- FIG 6. Global Antibody Production Market, porters 5 force model
- FIG 7. Global Antibody Production Market, pest analysis
- FIG 8. Global Antibody Production Market, value chain analysis
- FIG 9. Global Antibody Production Market by segment, 2019 & 2028 (USD Billion)
- FIG 10. Global Antibody Production Market by segment, 2019 & 2028 (USD Billion)
- FIG 11. Global Antibody Production Market by segment, 2019 & 2028 (USD Billion)
- FIG 12. Global Antibody Production Market by segment, 2019 & 2028 (USD Billion)
- FIG 13. Global Antibody Production Market by segment, 2019 & 2028 (USD Billion)
- FIG 14. Global Antibody Production Market, regional snapshot 2019 & 2028
- FIG 15. North America Antibody Production Market 2019 & 2028 (USD Billion)
- FIG 16. Europe Antibody Production Market 2019 & 2028 (USD Billion)
- FIG 17. Asia pacific market 2019 & 2028 (USD Billion)
- FIG 18. Latin America Antibody Production Market 2019 & 2028 (USD Billion)
- FIG 19. Global Antibody Production Market, company market share analysis (2021)

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