

# **Global Research Antibodies & Reagents Market Size study, By Product (Reagent, Antibodies), By Technology (Western Blotting, Flow Cytometry, Enzyme-linked immunosorbent assay (ELISA), Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Other Technologies), By Application (Proteomics, Drug Development, Genomics), By End User (Pharmaceutical & Biotechnologies Industries, Academic & Research Institutions, Contract Research Organizations), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Research Antibodies & Reagents Market is valued approximately USD 10.78 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.7% over the forecast period 2022-2028.

Research antibodies and reagents are majorly adopted for the discovery of an unconjugated antibody that is utilized for targeted antigen. Research-grade antibodies are chiefly used as important detection tools by bio-scientists. These products help in finding, evaluating, and purifying biomolecules or proteins in several applications such as immunohistochemistry or western blotting, flow cytometry, ELISA, and many others. The rising demand for protein therapeutics and personalized medicine, increasing industry-academia collaboration, and surging demand for high-quality antibodies for research reproducibility are the primary factors that may stimulate the market demand across the globe. For instance, in 2020, Thermo Fisher Scientific partnered with Mayo

Clinic and Wuxi for securing FDA authorization to test the COVID-19 with ELISA for detecting both IgG and IgM antibodies. Similarly, in 2020, Merck involved into a partnership agreement with Elypta to provide contract manufacturing services for Elypta's clinical diagnostic liquid biopsy kits. Furthermore, growth in stem cell proteomics, neurobiology, and genomics research, coupled with the availability of funds for R&D activities are the further factors that may accelerate the market growth in the approaching years. However, quality concerns and a lack of reproducible results impede the growth of the market over the forecast period of 2022-2028. Also, increasing focus on biomarker discovery and rising interest in outsourcing is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Research Antibodies & Reagents 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 rising emphasis on research projects that comprise genes, proteins, and related biomolecules, tied with the presence of the leading market players. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as increasing investments for the development of structure-based drug designs, as well as growing R&D activities in the proteomics and genomics sector, would create lucrative growth prospects for the Research Antibodies & Reagents market across the Asia-Pacific region.

Major market players included in this report are:

Thermo Fisher Scientific

Merck Group

Abcam plc

Becton, Dickinson and Company

Bio-Rad Laboratories

Cell Signaling Technology

Danaher Corporation

PerkinElmer

Analytik Jena AG

Dovetail Genomics

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 Product:

Reagent

Antibodies

By Technology:

Western Blotting

Flow Cytometry

Enzyme-linked immunosorbent assay (ELISA)

Immunohistochemistry

Immunofluorescence

Immunoprecipitation

Other Technologies

By Application:

Proteomics

Drug Development

Genomics

By End User:

Pharmaceutical & Biotechnologies Industries

Academic & Research Institutions

Contract Research Organizations

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 Research Antibodies & Reagents 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 Research Antibodies & Reagents Market, by Region, 2020-2028 (USD Billion)
  - 1.2.2. Global Research Antibodies & Reagents Market, by Product, 2020-2028 (USD Billion)
  - 1.2.3. Global Research Antibodies & Reagents Market, by Technology, 2020-2028 (USD Billion)
  - 1.2.4. Global Research Antibodies & Reagents Market, by Application, 2020-2028 (USD Billion)
  - 1.2.5. Global Research Antibodies & Reagents Market, by End User, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL RESEARCH ANTIBODIES & REAGENTS 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 RESEARCH ANTIBODIES & REAGENTS MARKET DYNAMICS

- 3.1. Research Antibodies & Reagents Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Growing research activity and funding for R&D
    - 3.1.1.2. Increasing industry-academia collaboration
  - 3.1.2. Market Challenges
    - 3.1.2.1. Quality concerns and a lack of reproducible results

### 3.1.3. Market Opportunities

#### 3.1.3.1. Rising focus on biomarker discovery

#### 3.1.3.2. Increasing interest in outsourcing

## **CHAPTER 4. GLOBAL RESEARCH ANTIBODIES & REAGENTS 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 RESEARCH ANTIBODIES & REAGENTS MARKET, BY PRODUCT**

### 6.1. Market Snapshot

### 6.2. Global Research Antibodies & Reagents Market by Product, Performance - Potential Analysis

### 6.3. Global Research Antibodies & Reagents Market Estimates & Forecasts by Product 2019-2028 (USD Billion)

### 6.4. Research Antibodies & Reagents Market, Sub Segment Analysis

#### 6.4.1. Reagent

#### 6.4.2. Antibodies

### **CHAPTER 7. GLOBAL RESEARCH ANTIBODIES & REAGENTS MARKET, BY TECHNOLOGY**

#### 7.1. Market Snapshot

#### 7.2. Global Research Antibodies & Reagents Market by Technology, Performance - Potential Analysis

#### 7.3. Global Research Antibodies & Reagents Market Estimates & Forecasts by Technology 2019-2028 (USD Billion)

#### 7.4. Research Antibodies & Reagents Market, Sub Segment Analysis

##### 7.4.1. Western Blotting

##### 7.4.2. Flow Cytometry

##### 7.4.3. Enzyme-linked immunosorbent assay (ELISA)

##### 7.4.4. Immunohistochemistry

##### 7.4.5. Immunofluorescence

##### 7.4.6. Immunoprecipitation

##### 7.4.7. Other Technologies

### **CHAPTER 8. GLOBAL RESEARCH ANTIBODIES & REAGENTS MARKET, BY APPLICATION**

#### 8.1. Market Snapshot

#### 8.2. Global Research Antibodies & Reagents Market by Application, Performance - Potential Analysis

#### 8.3. Global Research Antibodies & Reagents Market Estimates & Forecasts by Application 2019-2028 (USD Billion)

#### 8.4. Research Antibodies & Reagents Market, Sub Segment Analysis

##### 8.4.1. Proteomics

##### 8.4.2. Drug Development

##### 8.4.3. Genomics

### **CHAPTER 9. GLOBAL RESEARCH ANTIBODIES & REAGENTS MARKET, BY END USER**

#### 9.1. Market Snapshot

#### 9.2. Global Research Antibodies & Reagents Market by End User, Performance - Potential Analysis

#### 9.3. Global Research Antibodies & Reagents Market Estimates & Forecasts by End

User 2019-2028 (USD Billion)

#### 9.4. Research Antibodies & Reagents Market, Sub Segment Analysis

9.4.1. Pharmaceutical & Biotechnologies Industries

9.4.2. Academic & Research Institutions

9.4.3. Contract Research Organizations

### **CHAPTER 10. GLOBAL RESEARCH ANTIBODIES & REAGENTS MARKET, REGIONAL ANALYSIS**

#### 10.1. Research Antibodies & Reagents Market, Regional Market Snapshot

#### 10.2. North America Research Antibodies & Reagents Market

##### 10.2.1. U.S. Research Antibodies & Reagents Market

10.2.1.1. Product estimates & forecasts, 2019-2028

10.2.1.2. Technology estimates & forecasts, 2019-2028

10.2.1.3. Application estimates & forecasts, 2019-2028

10.2.1.4. End User estimates & forecasts, 2019-2028

##### 10.2.2. Canada Research Antibodies & Reagents Market

#### 10.3. Europe Research Antibodies & Reagents Market Snapshot

##### 10.3.1. U.K. Research Antibodies & Reagents Market

##### 10.3.2. Germany Research Antibodies & Reagents Market

##### 10.3.3. France Research Antibodies & Reagents Market

##### 10.3.4. Spain Research Antibodies & Reagents Market

##### 10.3.5. Italy Research Antibodies & Reagents Market

##### 10.3.6. Rest of Europe Research Antibodies & Reagents Market

#### 10.4. Asia-Pacific Research Antibodies & Reagents Market Snapshot

##### 10.4.1. China Research Antibodies & Reagents Market

##### 10.4.2. India Research Antibodies & Reagents Market

##### 10.4.3. Japan Research Antibodies & Reagents Market

##### 10.4.4. Australia Research Antibodies & Reagents Market

##### 10.4.5. South Korea Research Antibodies & Reagents Market

##### 10.4.6. Rest of Asia Pacific Research Antibodies & Reagents Market

#### 10.5. Latin America Research Antibodies & Reagents Market Snapshot

##### 10.5.1. Brazil Research Antibodies & Reagents Market

##### 10.5.2. Mexico Research Antibodies & Reagents Market

#### 10.6. Rest of The World Research Antibodies & Reagents Market

### **CHAPTER 11. COMPETITIVE INTELLIGENCE**

#### 11.1. Top Market Strategies



## 11.2. Company Profiles

### 11.2.1. Thermo Fisher Scientific

#### 11.2.1.1. Key Information

#### 11.2.1.2. Overview

#### 11.2.1.3. Financial (Subject to Data Availability)

#### 11.2.1.4. Product Summary

#### 11.2.1.5. Recent Developments

### 11.2.2. Merck Group

### 11.2.3. Abcam plc

### 11.2.4. Becton, Dickinson and Company

### 11.2.5. Bio-Rad Laboratories

### 11.2.6. Cell Signaling Technology

### 11.2.7. Danaher Corporation

### 11.2.8. PerkinElmer

### 11.2.9. Analytik Jena AG

### 11.2.10. Dovetail Genomics

## CHAPTER 12. RESEARCH PROCESS

### 12.1. Research Process

#### 12.1.1. Data Mining

#### 12.1.2. Analysis

#### 12.1.3. Market Estimation

#### 12.1.4. Validation

#### 12.1.5. Publishing

### 12.2. Research Attributes

### 12.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Research Antibodies & Reagents Market, report scope

TABLE 2. Global Research Antibodies & Reagents Market estimates & forecasts by Region 2019-2028 (USD Billion)

TABLE 3. Global Research Antibodies & Reagents Market estimates & forecasts by Product 2019-2028 (USD Billion)

TABLE 4. Global Research Antibodies & Reagents Market estimates & forecasts by Technology 2019-2028 (USD Billion)

TABLE 5. Global Research Antibodies & Reagents Market estimates & forecasts by Application 2019-2028 (USD Billion)

TABLE 6. Global Research Antibodies & Reagents Market estimates & forecasts by End User 2019-2028 (USD Billion)

TABLE 7. Global Research Antibodies & Reagents Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 8. Global Research Antibodies & Reagents Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 9. Global Research Antibodies & Reagents Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 10. Global Research Antibodies & Reagents Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 11. Global Research Antibodies & Reagents Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 12. Global Research Antibodies & Reagents Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 13. Global Research Antibodies & Reagents Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 14. Global Research Antibodies & Reagents Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 15. Global Research Antibodies & Reagents Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 16. Global Research Antibodies & Reagents Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 17. U.S. Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 18. U.S. Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 19. U.S. Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 20. Canada Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 21. Canada Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 22. Canada Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 23. UK Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 24. UK Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 25. UK Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 26. Germany Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 27. Germany Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 28. Germany Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 29. RoE Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 30. RoE Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 31. RoE Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 32. China Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 33. China Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 34. China Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 35. India Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 36. India Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 37. India Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 38. Japan Research Antibodies & Reagents Market estimates & forecasts,

2019-2028 (USD Billion)

TABLE 39. Japan Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 40. Japan Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 41. RoAPAC Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 42. RoAPAC Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 43. RoAPAC Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 44. Brazil Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 45. Brazil Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 46. Brazil Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 47. Mexico Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 48. Mexico Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 49. Mexico Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 50. RoLA Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 51. RoLA Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 52. RoLA Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 53. Row Research Antibodies & Reagents Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 54. Row Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 55. Row Research Antibodies & Reagents Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 56. List of secondary sources, used in the study of global Research Antibodies & Reagents Market

TABLE 57. List of primary sources, used in the study of global Research Antibodies & Reagents Market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

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

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