

# Global Biological Defense Market 2023 by Company, Regions, Type and Application, Forecast to 2029

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## Abstracts

Biodefense market refers to the pharmaceuticals, vaccines and antibodies applied in the treatment of a wide range of infectious diseases, whether those diseases emerge naturally or are deliberately introduced as an act of bioterrorism. Biodefense products generally defense against anthrax, smallpox, botulism, radiation/nuclear disasters and other disasters.

In the wake of the 2001 anthrax attacks, the U.S. government set out on a bold path to improve the country's preparedness for bioterrorism by developing and stockpiling new drugs and vaccines to protect Americans from health emergencies. Since 2004, the US government has provided assistance in the development and manufacturing of products in order to maintain its Strategic National Stockpile (SNS) to counter any bioterror attack.

According to our (Global Info Research) latest study, the global Biological Defense market size was valued at USD 1177.1 million in 2022 and is forecast to a readjusted size of USD 1472.9 million by 2029 with a CAGR of 3.3% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

The major players in global Biodefense market include Emergent Biosolutions, Hytest, GSK, etc. The top 3 players occupy about 60% shares of the global market. North America, Europe and Asia are key Regions of Sales. Anthrax and Smallpox are main types, with a share about 70%. US Civilian Market is the main application, which holds a share about 55%.

This report is a detailed and comprehensive analysis for global Biological Defense

market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

#### Key Features:

Global Biological Defense market size and forecasts, in consumption value (\$ Million), 2018-2029

Global Biological Defense market size and forecasts by region and country, in consumption value (\$ Million), 2018-2029

Global Biological Defense market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2018-2029

Global Biological Defense market shares of main players, in revenue (\$ Million), 2018-2023

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Biological Defense

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Biological Defense market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SIGA Technologies, Ichor Medical Systems, Emergent BioSolutions, Elusys Therapeutics and DynPort Vaccine Company, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market segmentation

Biological Defense market is split by Type and by Application. For the period 2018-2029, the growth among segments provide accurate calculations and forecasts for consumption value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Anthrax

Small Pox

Botox

Radiation / Nuclear

Other

### Market segment by Application

Military

Civilian

Other

### Market segment by players, this report covers

SIGA Technologies

Ichor Medical Systems

Emergent BioSolutions

Elusys Therapeutics

DynPort Vaccine Company

Altimune

Cleveland BioLabs

Bavarian Nordic

Alnylam Pharmaceuticals

Achaogen

Alexeter Technologies

ANP Technologies

PathSensors

New Horizons Diagnostics

BBI Detection

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Biological Defense product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Biological Defense, with revenue, gross margin and global market share of Biological Defense from 2018 to 2023.

Chapter 3, the Biological Defense competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2018 to 2029.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2018 to 2023. and Biological Defense market forecast, by regions, type and application, with consumption value, from 2024 to 2029.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War

Chapter 12, the key raw materials and key suppliers, and industry chain of Biological Defense.

Chapter 13, to describe Biological Defense research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Biological Defense
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Classification of Biological Defense by Type
  - 1.3.1 Overview: Global Biological Defense Market Size by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Global Biological Defense Consumption Value Market Share by Type in 2022
  - 1.3.3 Anthrax
  - 1.3.4 Small Pox
  - 1.3.5 Botox
  - 1.3.6 Radiation / Nuclear
  - 1.3.7 Other
- 1.4 Global Biological Defense Market by Application
  - 1.4.1 Overview: Global Biological Defense Market Size by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Military
  - 1.4.3 Civilian
  - 1.4.4 Other
- 1.5 Global Biological Defense Market Size & Forecast
- 1.6 Global Biological Defense Market Size and Forecast by Region
  - 1.6.1 Global Biological Defense Market Size by Region: 2018 VS 2022 VS 2029
  - 1.6.2 Global Biological Defense Market Size by Region, (2018-2029)
  - 1.6.3 North America Biological Defense Market Size and Prospect (2018-2029)
  - 1.6.4 Europe Biological Defense Market Size and Prospect (2018-2029)
  - 1.6.5 Asia-Pacific Biological Defense Market Size and Prospect (2018-2029)
  - 1.6.6 South America Biological Defense Market Size and Prospect (2018-2029)
  - 1.6.7 Middle East and Africa Biological Defense Market Size and Prospect (2018-2029)

### 2 COMPANY PROFILES

- 2.1 SIGA Technologies
  - 2.1.1 SIGA Technologies Details
  - 2.1.2 SIGA Technologies Major Business
  - 2.1.3 SIGA Technologies Biological Defense Product and Solutions
  - 2.1.4 SIGA Technologies Biological Defense Revenue, Gross Margin and Market

## Share (2018-2023)

### 2.1.5 SIGA Technologies Recent Developments and Future Plans

## 2.2 Ichor Medical Systems

### 2.2.1 Ichor Medical Systems Details

### 2.2.2 Ichor Medical Systems Major Business

### 2.2.3 Ichor Medical Systems Biological Defense Product and Solutions

### 2.2.4 Ichor Medical Systems Biological Defense Revenue, Gross Margin and Market

## Share (2018-2023)

### 2.2.5 Ichor Medical Systems Recent Developments and Future Plans

## 2.3 Emergent BioSolutions

### 2.3.1 Emergent BioSolutions Details

### 2.3.2 Emergent BioSolutions Major Business

### 2.3.3 Emergent BioSolutions Biological Defense Product and Solutions

### 2.3.4 Emergent BioSolutions Biological Defense Revenue, Gross Margin and Market

## Share (2018-2023)

### 2.3.5 Emergent BioSolutions Recent Developments and Future Plans

## 2.4 Elusys Therapeutics

### 2.4.1 Elusys Therapeutics Details

### 2.4.2 Elusys Therapeutics Major Business

### 2.4.3 Elusys Therapeutics Biological Defense Product and Solutions

### 2.4.4 Elusys Therapeutics Biological Defense Revenue, Gross Margin and Market

## Share (2018-2023)

### 2.4.5 Elusys Therapeutics Recent Developments and Future Plans

## 2.5 DynPort Vaccine Company

### 2.5.1 DynPort Vaccine Company Details

### 2.5.2 DynPort Vaccine Company Major Business

### 2.5.3 DynPort Vaccine Company Biological Defense Product and Solutions

### 2.5.4 DynPort Vaccine Company Biological Defense Revenue, Gross Margin and

## Market Share (2018-2023)

### 2.5.5 DynPort Vaccine Company Recent Developments and Future Plans

## 2.6 Altimune

### 2.6.1 Altimune Details

### 2.6.2 Altimune Major Business

### 2.6.3 Altimune Biological Defense Product and Solutions

### 2.6.4 Altimune Biological Defense Revenue, Gross Margin and Market Share

## (2018-2023)

### 2.6.5 Altimune Recent Developments and Future Plans

## 2.7 Cleveland BioLabs

### 2.7.1 Cleveland BioLabs Details

- 2.7.2 Cleveland BioLabs Major Business
- 2.7.3 Cleveland BioLabs Biological Defense Product and Solutions
- 2.7.4 Cleveland BioLabs Biological Defense Revenue, Gross Margin and Market Share (2018-2023)
- 2.7.5 Cleveland BioLabs Recent Developments and Future Plans
- 2.8 Bavarian Nordic
  - 2.8.1 Bavarian Nordic Details
  - 2.8.2 Bavarian Nordic Major Business
  - 2.8.3 Bavarian Nordic Biological Defense Product and Solutions
  - 2.8.4 Bavarian Nordic Biological Defense Revenue, Gross Margin and Market Share (2018-2023)
  - 2.8.5 Bavarian Nordic Recent Developments and Future Plans
- 2.9 Alnylam Pharmaceuticals
  - 2.9.1 Alnylam Pharmaceuticals Details
  - 2.9.2 Alnylam Pharmaceuticals Major Business
  - 2.9.3 Alnylam Pharmaceuticals Biological Defense Product and Solutions
  - 2.9.4 Alnylam Pharmaceuticals Biological Defense Revenue, Gross Margin and Market Share (2018-2023)
  - 2.9.5 Alnylam Pharmaceuticals Recent Developments and Future Plans
- 2.10 Achaogen
  - 2.10.1 Achaogen Details
  - 2.10.2 Achaogen Major Business
  - 2.10.3 Achaogen Biological Defense Product and Solutions
  - 2.10.4 Achaogen Biological Defense Revenue, Gross Margin and Market Share (2018-2023)
  - 2.10.5 Achaogen Recent Developments and Future Plans
- 2.11 Alexeter Technologies
  - 2.11.1 Alexeter Technologies Details
  - 2.11.2 Alexeter Technologies Major Business
  - 2.11.3 Alexeter Technologies Biological Defense Product and Solutions
  - 2.11.4 Alexeter Technologies Biological Defense Revenue, Gross Margin and Market Share (2018-2023)
  - 2.11.5 Alexeter Technologies Recent Developments and Future Plans
- 2.12 ANP Technologies
  - 2.12.1 ANP Technologies Details
  - 2.12.2 ANP Technologies Major Business
  - 2.12.3 ANP Technologies Biological Defense Product and Solutions
  - 2.12.4 ANP Technologies Biological Defense Revenue, Gross Margin and Market Share (2018-2023)



- 2.12.5 ANP Technologies Recent Developments and Future Plans
- 2.13 PathSensors
  - 2.13.1 PathSensors Details
  - 2.13.2 PathSensors Major Business
  - 2.13.3 PathSensors Biological Defense Product and Solutions
  - 2.13.4 PathSensors Biological Defense Revenue, Gross Margin and Market Share (2018-2023)
  - 2.13.5 PathSensors Recent Developments and Future Plans
- 2.14 New Horizons Diagnostics
  - 2.14.1 New Horizons Diagnostics Details
  - 2.14.2 New Horizons Diagnostics Major Business
  - 2.14.3 New Horizons Diagnostics Biological Defense Product and Solutions
  - 2.14.4 New Horizons Diagnostics Biological Defense Revenue, Gross Margin and Market Share (2018-2023)
  - 2.14.5 New Horizons Diagnostics Recent Developments and Future Plans
- 2.15 BBI Detection
  - 2.15.1 BBI Detection Details
  - 2.15.2 BBI Detection Major Business
  - 2.15.3 BBI Detection Biological Defense Product and Solutions
  - 2.15.4 BBI Detection Biological Defense Revenue, Gross Margin and Market Share (2018-2023)
  - 2.15.5 BBI Detection Recent Developments and Future Plans

### **3 MARKET COMPETITION, BY PLAYERS**

- 3.1 Global Biological Defense Revenue and Share by Players (2018-2023)
- 3.2 Market Share Analysis (2022)
  - 3.2.1 Market Share of Biological Defense by Company Revenue
  - 3.2.2 Top 3 Biological Defense Players Market Share in 2022
  - 3.2.3 Top 6 Biological Defense Players Market Share in 2022
- 3.3 Biological Defense Market: Overall Company Footprint Analysis
  - 3.3.1 Biological Defense Market: Region Footprint
  - 3.3.2 Biological Defense Market: Company Product Type Footprint
  - 3.3.3 Biological Defense Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

### **4 MARKET SIZE SEGMENT BY TYPE**

4.1 Global Biological Defense Consumption Value and Market Share by Type (2018-2023)

4.2 Global Biological Defense Market Forecast by Type (2024-2029)

## **5 MARKET SIZE SEGMENT BY APPLICATION**

5.1 Global Biological Defense Consumption Value Market Share by Application (2018-2023)

5.2 Global Biological Defense Market Forecast by Application (2024-2029)

## **6 NORTH AMERICA**

6.1 North America Biological Defense Consumption Value by Type (2018-2029)

6.2 North America Biological Defense Consumption Value by Application (2018-2029)

6.3 North America Biological Defense Market Size by Country

6.3.1 North America Biological Defense Consumption Value by Country (2018-2029)

6.3.2 United States Biological Defense Market Size and Forecast (2018-2029)

6.3.3 Canada Biological Defense Market Size and Forecast (2018-2029)

6.3.4 Mexico Biological Defense Market Size and Forecast (2018-2029)

## **7 EUROPE**

7.1 Europe Biological Defense Consumption Value by Type (2018-2029)

7.2 Europe Biological Defense Consumption Value by Application (2018-2029)

7.3 Europe Biological Defense Market Size by Country

7.3.1 Europe Biological Defense Consumption Value by Country (2018-2029)

7.3.2 Germany Biological Defense Market Size and Forecast (2018-2029)

7.3.3 France Biological Defense Market Size and Forecast (2018-2029)

7.3.4 United Kingdom Biological Defense Market Size and Forecast (2018-2029)

7.3.5 Russia Biological Defense Market Size and Forecast (2018-2029)

7.3.6 Italy Biological Defense Market Size and Forecast (2018-2029)

## **8 ASIA-PACIFIC**

8.1 Asia-Pacific Biological Defense Consumption Value by Type (2018-2029)

8.2 Asia-Pacific Biological Defense Consumption Value by Application (2018-2029)

8.3 Asia-Pacific Biological Defense Market Size by Region

8.3.1 Asia-Pacific Biological Defense Consumption Value by Region (2018-2029)

8.3.2 China Biological Defense Market Size and Forecast (2018-2029)

- 8.3.3 Japan Biological Defense Market Size and Forecast (2018-2029)
- 8.3.4 South Korea Biological Defense Market Size and Forecast (2018-2029)
- 8.3.5 India Biological Defense Market Size and Forecast (2018-2029)
- 8.3.6 Southeast Asia Biological Defense Market Size and Forecast (2018-2029)
- 8.3.7 Australia Biological Defense Market Size and Forecast (2018-2029)

## **9 SOUTH AMERICA**

- 9.1 South America Biological Defense Consumption Value by Type (2018-2029)
- 9.2 South America Biological Defense Consumption Value by Application (2018-2029)
- 9.3 South America Biological Defense Market Size by Country
  - 9.3.1 South America Biological Defense Consumption Value by Country (2018-2029)
  - 9.3.2 Brazil Biological Defense Market Size and Forecast (2018-2029)
  - 9.3.3 Argentina Biological Defense Market Size and Forecast (2018-2029)

## **10 MIDDLE EAST & AFRICA**

- 10.1 Middle East & Africa Biological Defense Consumption Value by Type (2018-2029)
- 10.2 Middle East & Africa Biological Defense Consumption Value by Application (2018-2029)
- 10.3 Middle East & Africa Biological Defense Market Size by Country
  - 10.3.1 Middle East & Africa Biological Defense Consumption Value by Country (2018-2029)
  - 10.3.2 Turkey Biological Defense Market Size and Forecast (2018-2029)
  - 10.3.3 Saudi Arabia Biological Defense Market Size and Forecast (2018-2029)
  - 10.3.4 UAE Biological Defense Market Size and Forecast (2018-2029)

## **11 MARKET DYNAMICS**

- 11.1 Biological Defense Market Drivers
- 11.2 Biological Defense Market Restraints
- 11.3 Biological Defense Trends Analysis
- 11.4 Porters Five Forces Analysis
  - 11.4.1 Threat of New Entrants
  - 11.4.2 Bargaining Power of Suppliers
  - 11.4.3 Bargaining Power of Buyers
  - 11.4.4 Threat of Substitutes
  - 11.4.5 Competitive Rivalry
- 11.5 Influence of COVID-19 and Russia-Ukraine War

- 11.5.1 Influence of COVID-19
- 11.5.2 Influence of Russia-Ukraine War

## **12 INDUSTRY CHAIN ANALYSIS**

- 12.1 Biological Defense Industry Chain
- 12.2 Biological Defense Upstream Analysis
- 12.3 Biological Defense Midstream Analysis
- 12.4 Biological Defense Downstream Analysis

## **13 RESEARCH FINDINGS AND CONCLUSION**

## **14 APPENDIX**

- 14.1 Methodology
- 14.2 Research Process and Data Source
- 14.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Global Biological Defense Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Table 2. Global Biological Defense Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. Global Biological Defense Consumption Value by Region (2018-2023) & (USD Million)
- Table 4. Global Biological Defense Consumption Value by Region (2024-2029) & (USD Million)
- Table 5. SIGA Technologies Company Information, Head Office, and Major Competitors
- Table 6. SIGA Technologies Major Business
- Table 7. SIGA Technologies Biological Defense Product and Solutions
- Table 8. SIGA Technologies Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 9. SIGA Technologies Recent Developments and Future Plans
- Table 10. Ichor Medical Systems Company Information, Head Office, and Major Competitors
- Table 11. Ichor Medical Systems Major Business
- Table 12. Ichor Medical Systems Biological Defense Product and Solutions
- Table 13. Ichor Medical Systems Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 14. Ichor Medical Systems Recent Developments and Future Plans
- Table 15. Emergent BioSolutions Company Information, Head Office, and Major Competitors
- Table 16. Emergent BioSolutions Major Business
- Table 17. Emergent BioSolutions Biological Defense Product and Solutions
- Table 18. Emergent BioSolutions Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 19. Emergent BioSolutions Recent Developments and Future Plans
- Table 20. Elusys Therapeutics Company Information, Head Office, and Major Competitors
- Table 21. Elusys Therapeutics Major Business
- Table 22. Elusys Therapeutics Biological Defense Product and Solutions
- Table 23. Elusys Therapeutics Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 24. Elusys Therapeutics Recent Developments and Future Plans

Table 25. DynPort Vaccine Company Company Information, Head Office, and Major Competitors

Table 26. DynPort Vaccine Company Major Business

Table 27. DynPort Vaccine Company Biological Defense Product and Solutions

Table 28. DynPort Vaccine Company Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 29. DynPort Vaccine Company Recent Developments and Future Plans

Table 30. Altimune Company Information, Head Office, and Major Competitors

Table 31. Altimune Major Business

Table 32. Altimune Biological Defense Product and Solutions

Table 33. Altimune Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 34. Altimune Recent Developments and Future Plans

Table 35. Cleveland BioLabs Company Information, Head Office, and Major Competitors

Table 36. Cleveland BioLabs Major Business

Table 37. Cleveland BioLabs Biological Defense Product and Solutions

Table 38. Cleveland BioLabs Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 39. Cleveland BioLabs Recent Developments and Future Plans

Table 40. Bavarian Nordic Company Information, Head Office, and Major Competitors

Table 41. Bavarian Nordic Major Business

Table 42. Bavarian Nordic Biological Defense Product and Solutions

Table 43. Bavarian Nordic Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 44. Bavarian Nordic Recent Developments and Future Plans

Table 45. Alnylam Pharmaceuticals Company Information, Head Office, and Major Competitors

Table 46. Alnylam Pharmaceuticals Major Business

Table 47. Alnylam Pharmaceuticals Biological Defense Product and Solutions

Table 48. Alnylam Pharmaceuticals Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 49. Alnylam Pharmaceuticals Recent Developments and Future Plans

Table 50. Achaogen Company Information, Head Office, and Major Competitors

Table 51. Achaogen Major Business

Table 52. Achaogen Biological Defense Product and Solutions

Table 53. Achaogen Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 54. Achaogen Recent Developments and Future Plans

Table 55. Alexeter Technologies Company Information, Head Office, and Major Competitors

Table 56. Alexeter Technologies Major Business

Table 57. Alexeter Technologies Biological Defense Product and Solutions

Table 58. Alexeter Technologies Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 59. Alexeter Technologies Recent Developments and Future Plans

Table 60. ANP Technologies Company Information, Head Office, and Major Competitors

Table 61. ANP Technologies Major Business

Table 62. ANP Technologies Biological Defense Product and Solutions

Table 63. ANP Technologies Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 64. ANP Technologies Recent Developments and Future Plans

Table 65. PathSensors Company Information, Head Office, and Major Competitors

Table 66. PathSensors Major Business

Table 67. PathSensors Biological Defense Product and Solutions

Table 68. PathSensors Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 69. PathSensors Recent Developments and Future Plans

Table 70. New Horizons Diagnostics Company Information, Head Office, and Major Competitors

Table 71. New Horizons Diagnostics Major Business

Table 72. New Horizons Diagnostics Biological Defense Product and Solutions

Table 73. New Horizons Diagnostics Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 74. New Horizons Diagnostics Recent Developments and Future Plans

Table 75. BBI Detection Company Information, Head Office, and Major Competitors

Table 76. BBI Detection Major Business

Table 77. BBI Detection Biological Defense Product and Solutions

Table 78. BBI Detection Biological Defense Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 79. BBI Detection Recent Developments and Future Plans

Table 80. Global Biological Defense Revenue (USD Million) by Players (2018-2023)

Table 81. Global Biological Defense Revenue Share by Players (2018-2023)

Table 82. Breakdown of Biological Defense by Company Type (Tier 1, Tier 2, and Tier 3)

Table 83. Market Position of Players in Biological Defense, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2022

- Table 84. Head Office of Key Biological Defense Players
- Table 85. Biological Defense Market: Company Product Type Footprint
- Table 86. Biological Defense Market: Company Product Application Footprint
- Table 87. Biological Defense New Market Entrants and Barriers to Market Entry
- Table 88. Biological Defense Mergers, Acquisition, Agreements, and Collaborations
- Table 89. Global Biological Defense Consumption Value (USD Million) by Type (2018-2023)
- Table 90. Global Biological Defense Consumption Value Share by Type (2018-2023)
- Table 91. Global Biological Defense Consumption Value Forecast by Type (2024-2029)
- Table 92. Global Biological Defense Consumption Value by Application (2018-2023)
- Table 93. Global Biological Defense Consumption Value Forecast by Application (2024-2029)
- Table 94. North America Biological Defense Consumption Value by Type (2018-2023) & (USD Million)
- Table 95. North America Biological Defense Consumption Value by Type (2024-2029) & (USD Million)
- Table 96. North America Biological Defense Consumption Value by Application (2018-2023) & (USD Million)
- Table 97. North America Biological Defense Consumption Value by Application (2024-2029) & (USD Million)
- Table 98. North America Biological Defense Consumption Value by Country (2018-2023) & (USD Million)
- Table 99. North America Biological Defense Consumption Value by Country (2024-2029) & (USD Million)
- Table 100. Europe Biological Defense Consumption Value by Type (2018-2023) & (USD Million)
- Table 101. Europe Biological Defense Consumption Value by Type (2024-2029) & (USD Million)
- Table 102. Europe Biological Defense Consumption Value by Application (2018-2023) & (USD Million)
- Table 103. Europe Biological Defense Consumption Value by Application (2024-2029) & (USD Million)
- Table 104. Europe Biological Defense Consumption Value by Country (2018-2023) & (USD Million)
- Table 105. Europe Biological Defense Consumption Value by Country (2024-2029) & (USD Million)
- Table 106. Asia-Pacific Biological Defense Consumption Value by Type (2018-2023) & (USD Million)
- Table 107. Asia-Pacific Biological Defense Consumption Value by Type (2024-2029) &



(USD Million)

Table 108. Asia-Pacific Biological Defense Consumption Value by Application (2018-2023) & (USD Million)

Table 109. Asia-Pacific Biological Defense Consumption Value by Application (2024-2029) & (USD Million)

Table 110. Asia-Pacific Biological Defense Consumption Value by Region (2018-2023) & (USD Million)

Table 111. Asia-Pacific Biological Defense Consumption Value by Region (2024-2029) & (USD Million)

Table 112. South America Biological Defense Consumption Value by Type (2018-2023) & (USD Million)

Table 113. South America Biological Defense Consumption Value by Type (2024-2029) & (USD Million)

Table 114. South America Biological Defense Consumption Value by Application (2018-2023) & (USD Million)

Table 115. South America Biological Defense Consumption Value by Application (2024-2029) & (USD Million)

Table 116. South America Biological Defense Consumption Value by Country (2018-2023) & (USD Million)

Table 117. South America Biological Defense Consumption Value by Country (2024-2029) & (USD Million)

Table 118. Middle East & Africa Biological Defense Consumption Value by Type (2018-2023) & (USD Million)

Table 119. Middle East & Africa Biological Defense Consumption Value by Type (2024-2029) & (USD Million)

Table 120. Middle East & Africa Biological Defense Consumption Value by Application (2018-2023) & (USD Million)

Table 121. Middle East & Africa Biological Defense Consumption Value by Application (2024-2029) & (USD Million)

Table 122. Middle East & Africa Biological Defense Consumption Value by Country (2018-2023) & (USD Million)

Table 123. Middle East & Africa Biological Defense Consumption Value by Country (2024-2029) & (USD Million)

Table 124. Biological Defense Raw Material

Table 125. Key Suppliers of Biological Defense Raw Materials

## List Of Figures

### LIST OF FIGURES

Figure 1. Biological Defense Picture

Figure 2. Global Biological Defense Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Biological Defense Consumption Value Market Share by Type in 2022

Figure 4. Anthrax

Figure 5. Small Pox

Figure 6. Botox

Figure 7. Radiation / Nuclear

Figure 8. Other

Figure 9. Global Biological Defense Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 10. Biological Defense Consumption Value Market Share by Application in 2022

Figure 11. Military Picture

Figure 12. Civilian Picture

Figure 13. Other Picture

Figure 14. Global Biological Defense Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 15. Global Biological Defense Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 16. Global Market Biological Defense Consumption Value (USD Million) Comparison by Region (2018 & 2022 & 2029)

Figure 17. Global Biological Defense Consumption Value Market Share by Region (2018-2029)

Figure 18. Global Biological Defense Consumption Value Market Share by Region in 2022

Figure 19. North America Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 20. Europe Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 21. Asia-Pacific Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 22. South America Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 23. Middle East and Africa Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 24. Global Biological Defense Revenue Share by Players in 2022

Figure 25. Biological Defense Market Share by Company Type (Tier 1, Tier 2 and Tier 3) in 2022

Figure 26. Global Top 3 Players Biological Defense Market Share in 2022

Figure 27. Global Top 6 Players Biological Defense Market Share in 2022

Figure 28. Global Biological Defense Consumption Value Share by Type (2018-2023)

Figure 29. Global Biological Defense Market Share Forecast by Type (2024-2029)

Figure 30. Global Biological Defense Consumption Value Share by Application (2018-2023)

Figure 31. Global Biological Defense Market Share Forecast by Application (2024-2029)

Figure 32. North America Biological Defense Consumption Value Market Share by Type (2018-2029)

Figure 33. North America Biological Defense Consumption Value Market Share by Application (2018-2029)

Figure 34. North America Biological Defense Consumption Value Market Share by Country (2018-2029)

Figure 35. United States Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 36. Canada Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 37. Mexico Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 38. Europe Biological Defense Consumption Value Market Share by Type (2018-2029)

Figure 39. Europe Biological Defense Consumption Value Market Share by Application (2018-2029)

Figure 40. Europe Biological Defense Consumption Value Market Share by Country (2018-2029)

Figure 41. Germany Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 42. France Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 43. United Kingdom Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 44. Russia Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 45. Italy Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 46. Asia-Pacific Biological Defense Consumption Value Market Share by Type (2018-2029)

Figure 47. Asia-Pacific Biological Defense Consumption Value Market Share by Application (2018-2029)

Figure 48. Asia-Pacific Biological Defense Consumption Value Market Share by Region (2018-2029)

Figure 49. China Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 50. Japan Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 51. South Korea Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 52. India Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 53. Southeast Asia Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 54. Australia Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 55. South America Biological Defense Consumption Value Market Share by Type (2018-2029)

Figure 56. South America Biological Defense Consumption Value Market Share by Application (2018-2029)

Figure 57. South America Biological Defense Consumption Value Market Share by Country (2018-2029)

Figure 58. Brazil Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 59. Argentina Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 60. Middle East and Africa Biological Defense Consumption Value Market Share by Type (2018-2029)

Figure 61. Middle East and Africa Biological Defense Consumption Value Market Share by Application (2018-2029)

Figure 62. Middle East and Africa Biological Defense Consumption Value Market Share by Country (2018-2029)

Figure 63. Turkey Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 64. Saudi Arabia Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 65. UAE Biological Defense Consumption Value (2018-2029) & (USD Million)

Figure 66. Biological Defense Market Drivers

Figure 67. Biological Defense Market Restraints

Figure 68. Biological Defense Market Trends

Figure 69. Porters Five Forces Analysis

Figure 70. Manufacturing Cost Structure Analysis of Biological Defense in 2022

Figure 71. Manufacturing Process Analysis of Biological Defense

Figure 72. Biological Defense Industrial Chain

Figure 73. Methodology

Figure 74. Research Process and Data Source

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