

Global Biological Detection System Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/GCCEC74B8671EN.html>

Date: March 2026

Pages: 153

Price: US\$ 3,200.00 (Single User License)

ID: GCCEC74B8671EN

Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Biological Detection System competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. In 2024, global Biological Detection System reached approximately 66,404 units, with an average global market price of around US\$ 5913 per unit. Gross margin is about 45%. The cost is 3,252 usd. Production Capacity is about 68,000-70,000 units. Biological Detection Systems are devices used for the rapid and accurate identification of microorganisms, viruses, bacteria, and biotoxins. They are widely used in public health, laboratory research, food safety, environmental monitoring, and biosafety. These systems typically integrate sample collection, pretreatment, analysis, and data processing modules, employing technologies such as PCR, immunosensors, microbial culture, and mass spectrometry. Upstream supply involves key materials and components such as reagents, chips, sensors, optical and electronic components. Downstream supply includes hospitals, laboratories, public health institutions, food testing agencies, and military and police units. Some manufacturers also provide supporting data analysis and remote monitoring services. The overall trend is towards faster, more sensitive, intelligent, and portable systems, and market demand continues to grow with increasing awareness of public health safety and biosafety. In the coming years, biological detection systems will focus on improving detection sensitivity, accuracy, and response speed. New molecular biology technologies, nanosensors, immunosensors, and mass spectrometry will be further optimized to achieve full automation and standardization from sample collection to result output, reducing manual intervention and improving laboratory and field testing efficiency. With the integration of IoT, big data, and AI technologies, biological detection systems will achieve remote monitoring, intelligent analysis, and predictive early warning. The

system can dynamically adjust detection strategies based on environmental changes and real-time data, and provide decision support for public health, food safety, and environmental monitoring through data platforms, enhancing prevention and control capabilities. The future market will expand towards multi-scenario and multi-functional applications, including mobile laboratories, on-site emergency testing, military biological protection, and food safety monitoring. Upstream in the industry chain will reduce costs and improve the performance of core materials through technological innovation, while downstream will expand market share through large-scale applications and service integration. The overall trend is towards speed, sensitivity, intelligence, and portability, meeting the continuously growing global needs for public health and safety protection.

The global Biological Detection System market size was estimated at USD 393.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 5.30% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Biological Detection System market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Biological Detection System market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Biological Detection System market.

Global Biological Detection System Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country),

key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

BioFlyte
Smiths Detection
Bruker Corporation
Thermo Fisher Scientific
BioFire Diagnostics
Agilent Technologies
PerkinElmer, Inc.
Roche Diagnostics
QIAGEN N.V.
Tecan Group Ltd.
Battelle Memorial Institute
PositiveID Corporation
Canary Health Technologies
ANP Technologies

Market Segmentation (by Type)

Automated
Non-Automated

Market Segmentation (by Application)

Hospital
Clinic
Laboratory

Geographic Segmentation

North America (USA, Canada, Mexico)

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

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

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

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Biological Detection System Market

Overview of the regional outlook of the Biological Detection System Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the

Biological Detection System Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Biological Detection System, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through

Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Biological Detection System

1.2 Key Market Segments

1.2.1 Biological Detection System Segment by Type

1.2.2 Biological Detection System Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 BIOLOGICAL DETECTION SYSTEM MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Biological Detection System Market Size (M USD) Estimates and Forecasts (2020-2035)

2.1.2 Global Biological Detection System Sales Estimates and Forecasts (2020-2035)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 BIOLOGICAL DETECTION SYSTEM MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Biological Detection System Product Life Cycle

3.3 Global Biological Detection System Sales by Manufacturers (2020-2025)

3.4 Global Biological Detection System Revenue Market Share by Manufacturers (2020-2025)

3.5 Biological Detection System Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Biological Detection System Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 Biological Detection System Market Competitive Situation and Trends

3.8.1 Biological Detection System Market Concentration Rate

3.8.2 Global 5 and 10 Largest Biological Detection System Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 BIOLOGICAL DETECTION SYSTEM INDUSTRY CHAIN ANALYSIS

4.1 Biological Detection System Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF BIOLOGICAL DETECTION SYSTEM MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Biological Detection System Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Biological Detection System Market

5.7 ESG Ratings of Leading Companies

6 BIOLOGICAL DETECTION SYSTEM MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Biological Detection System Sales Market Share by Type (2020-2025)

6.3 Global Biological Detection System Market Size by Type (2020-2025)

6.4 Global Biological Detection System Price by Type (2020-2025)

7 BIOLOGICAL DETECTION SYSTEM MARKET SEGMENTATION BY

APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Biological Detection System Market Sales by Application (2020-2025)
- 7.3 Global Biological Detection System Market Size (M USD) by Application (2020-2025)
- 7.4 Global Biological Detection System Sales Growth Rate by Application (2020-2025)

8 BIOLOGICAL DETECTION SYSTEM MARKET SALES BY REGION

- 8.1 Global Biological Detection System Sales by Region
 - 8.1.1 Global Biological Detection System Sales by Region
 - 8.1.2 Global Biological Detection System Sales Market Share by Region
- 8.2 Global Biological Detection System Market Size by Region
 - 8.2.1 Global Biological Detection System Market Size by Region
 - 8.2.2 Global Biological Detection System Market Size by Region
- 8.3 North America
 - 8.3.1 North America Biological Detection System Sales by Country
 - 8.3.2 North America Biological Detection System Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Biological Detection System Sales by Country
 - 8.4.2 Europe Biological Detection System Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Biological Detection System Sales by Region
 - 8.5.2 Asia Pacific Biological Detection System Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America

- 8.6.1 South America Biological Detection System Sales by Country
- 8.6.2 South America Biological Detection System Market Size by Country
- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
 - 8.7.1 Middle East and Africa Biological Detection System Sales by Region
 - 8.7.2 Middle East and Africa Biological Detection System Market Size by Region
 - 8.7.3 Saudi Arabia Market Overview
 - 8.7.4 UAE Market Overview
 - 8.7.5 Egypt Market Overview
 - 8.7.6 Nigeria Market Overview
 - 8.7.7 South Africa Market Overview

9 BIOLOGICAL DETECTION SYSTEM MARKET PRODUCTION BY REGION

- 9.1 Global Production of Biological Detection System by Region(2020-2025)
- 9.2 Global Biological Detection System Revenue Market Share by Region (2020-2025)
- 9.3 Global Biological Detection System Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Biological Detection System Production
 - 9.4.1 North America Biological Detection System Production Growth Rate (2020-2025)
 - 9.4.2 North America Biological Detection System Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Biological Detection System Production
 - 9.5.1 Europe Biological Detection System Production Growth Rate (2020-2025)
 - 9.5.2 Europe Biological Detection System Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Biological Detection System Production (2020-2025)
 - 9.6.1 Japan Biological Detection System Production Growth Rate (2020-2025)
 - 9.6.2 Japan Biological Detection System Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Biological Detection System Production (2020-2025)
 - 9.7.1 China Biological Detection System Production Growth Rate (2020-2025)
 - 9.7.2 China Biological Detection System Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 BioFlyte

10.1.1 BioFlyte Basic Information

10.1.2 BioFlyte Biological Detection System Product Overview

10.1.3 BioFlyte Biological Detection System Product Market Performance

10.1.4 BioFlyte Business Overview

10.1.5 BioFlyte SWOT Analysis

10.1.6 BioFlyte Recent Developments

10.2 Smiths Detection

10.2.1 Smiths Detection Basic Information

10.2.2 Smiths Detection Biological Detection System Product Overview

10.2.3 Smiths Detection Biological Detection System Product Market Performance

10.2.4 Smiths Detection Business Overview

10.2.5 Smiths Detection SWOT Analysis

10.2.6 Smiths Detection Recent Developments

10.3 Bruker Corporation

10.3.1 Bruker Corporation Basic Information

10.3.2 Bruker Corporation Biological Detection System Product Overview

10.3.3 Bruker Corporation Biological Detection System Product Market Performance

10.3.4 Bruker Corporation Business Overview

10.3.5 Bruker Corporation SWOT Analysis

10.3.6 Bruker Corporation Recent Developments

10.4 Thermo Fisher Scientific

10.4.1 Thermo Fisher Scientific Basic Information

10.4.2 Thermo Fisher Scientific Biological Detection System Product Overview

10.4.3 Thermo Fisher Scientific Biological Detection System Product Market

Performance

10.4.4 Thermo Fisher Scientific Business Overview

10.4.5 Thermo Fisher Scientific Recent Developments

10.5 BioFire Diagnostics

10.5.1 BioFire Diagnostics Basic Information

10.5.2 BioFire Diagnostics Biological Detection System Product Overview

10.5.3 BioFire Diagnostics Biological Detection System Product Market Performance

10.5.4 BioFire Diagnostics Business Overview

10.5.5 BioFire Diagnostics Recent Developments

10.6 Agilent Technologies

10.6.1 Agilent Technologies Basic Information

10.6.2 Agilent Technologies Biological Detection System Product Overview

10.6.3 Agilent Technologies Biological Detection System Product Market Performance

10.6.4 Agilent Technologies Business Overview

- 10.6.5 Agilent Technologies Recent Developments
- 10.7 PerkinElmer, Inc.
 - 10.7.1 PerkinElmer, Inc. Basic Information
 - 10.7.2 PerkinElmer, Inc. Biological Detection System Product Overview
 - 10.7.3 PerkinElmer, Inc. Biological Detection System Product Market Performance
 - 10.7.4 PerkinElmer, Inc. Business Overview
 - 10.7.5 PerkinElmer, Inc. Recent Developments
- 10.8 Roche Diagnostics
 - 10.8.1 Roche Diagnostics Basic Information
 - 10.8.2 Roche Diagnostics Biological Detection System Product Overview
 - 10.8.3 Roche Diagnostics Biological Detection System Product Market Performance
 - 10.8.4 Roche Diagnostics Business Overview
 - 10.8.5 Roche Diagnostics Recent Developments
- 10.9 QIAGEN N.V.
 - 10.9.1 QIAGEN N.V. Basic Information
 - 10.9.2 QIAGEN N.V. Biological Detection System Product Overview
 - 10.9.3 QIAGEN N.V. Biological Detection System Product Market Performance
 - 10.9.4 QIAGEN N.V. Business Overview
 - 10.9.5 QIAGEN N.V. Recent Developments
- 10.10 Tecan Group Ltd.
 - 10.10.1 Tecan Group Ltd. Basic Information
 - 10.10.2 Tecan Group Ltd. Biological Detection System Product Overview
 - 10.10.3 Tecan Group Ltd. Biological Detection System Product Market Performance
 - 10.10.4 Tecan Group Ltd. Business Overview
 - 10.10.5 Tecan Group Ltd. Recent Developments
- 10.11 Battelle Memorial Institute
 - 10.11.1 Battelle Memorial Institute Basic Information
 - 10.11.2 Battelle Memorial Institute Biological Detection System Product Overview
 - 10.11.3 Battelle Memorial Institute Biological Detection System Product Market Performance
 - 10.11.4 Battelle Memorial Institute Business Overview
 - 10.11.5 Battelle Memorial Institute Recent Developments
- 10.12 PositiveID Corporation
 - 10.12.1 PositiveID Corporation Basic Information
 - 10.12.2 PositiveID Corporation Biological Detection System Product Overview
 - 10.12.3 PositiveID Corporation Biological Detection System Product Market Performance
 - 10.12.4 PositiveID Corporation Business Overview
 - 10.12.5 PositiveID Corporation Recent Developments

10.13 Canary Health Technologies

10.13.1 Canary Health Technologies Basic Information

10.13.2 Canary Health Technologies Biological Detection System Product Overview

10.13.3 Canary Health Technologies Biological Detection System Product Market

Performance

10.13.4 Canary Health Technologies Business Overview

10.13.5 Canary Health Technologies Recent Developments

10.14 ANP Technologies

10.14.1 ANP Technologies Basic Information

10.14.2 ANP Technologies Biological Detection System Product Overview

10.14.3 ANP Technologies Biological Detection System Product Market Performance

10.14.4 ANP Technologies Business Overview

10.14.5 ANP Technologies Recent Developments

11 BIOLOGICAL DETECTION SYSTEM MARKET FORECAST BY REGION

11.1 Global Biological Detection System Market Size Forecast

11.2 Global Biological Detection System Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Biological Detection System Market Size Forecast by Country

11.2.3 Asia Pacific Biological Detection System Market Size Forecast by Region

11.2.4 South America Biological Detection System Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Biological Detection System by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global Biological Detection System Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Biological Detection System by Type (2026-2035)

12.1.2 Global Biological Detection System Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Biological Detection System by Type (2026-2035)

12.2 Global Biological Detection System Market Forecast by Application (2026-2035)

12.2.1 Global Biological Detection System Sales (K Units) Forecast by Application

12.2.2 Global Biological Detection System Market Size (M USD) Forecast by Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Biological Detection System Market Size by Type (M USD)

Table 4. Global Biological Detection System Market Size by Application

Table 5. Biological Detection System Market Size Comparison by Region (M USD)

Table 6. Global Biological Detection System Sales (K Units) by Manufacturers (2020-2025)

Table 7. Global Biological Detection System Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Biological Detection System Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Biological Detection System Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Biological Detection System as of 2025)

Table 11. Global Market Biological Detection System Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Biological Detection System Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Biological Detection System Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Biological Detection System Sales by Type (K Units)

Table 27. Global Biological Detection System Market Size by Type (M USD)

- Table 28. Global Biological Detection System Sales (K Units) by Type (2020-2025)
- Table 29. Global Biological Detection System Sales Market Share by Type (2020-2025)
- Table 30. Global Biological Detection System Market Size (M USD) by Type (2020-2025)
- Table 31. Global Biological Detection System Market Share by Type (2020-2025)
- Table 32. Global Biological Detection System Price (USD/Unit) by Type (2020-2025)
- Table 33. Global Biological Detection System Sales (K Units) by Application
- Table 34. Global Biological Detection System Market Size by Application
- Table 35. Global Biological Detection System Sales by Application (2020-2025) & (K Units)
- Table 36. Global Biological Detection System Sales Market Share by Application (2020-2025)
- Table 37. Global Biological Detection System Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Biological Detection System Market Share by Application (2020-2025)
- Table 39. Global Biological Detection System Sales Growth Rate by Application (2020-2025)
- Table 40. Global Biological Detection System Sales by Region (2020-2025) & (K Units)
- Table 41. Global Biological Detection System Sales Market Share by Region (2020-2025)
- Table 42. Global Biological Detection System Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Biological Detection System Market Size by Region (2020-2025)
- Table 44. North America Biological Detection System Sales by Country (2020-2025) & (K Units)
- Table 45. North America Biological Detection System Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Biological Detection System Sales by Country (2020-2025) & (K Units)
- Table 47. Europe Biological Detection System Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Biological Detection System Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Biological Detection System Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Biological Detection System Sales by Country (2020-2025) & (K Units)
- Table 51. South America Biological Detection System Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Biological Detection System Sales by Region (2020-2025) & (K Units)

Table 53. Middle East and Africa Biological Detection System Market Size by Region (2020-2025) & (M USD)

Table 54. Global Biological Detection System Production (K Units) by Region(2020-2025)

Table 55. Global Biological Detection System Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Biological Detection System Revenue Market Share by Region (2020-2025)

Table 57. Global Biological Detection System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Biological Detection System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Biological Detection System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Biological Detection System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Biological Detection System Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. BioFlyte Basic Information

Table 63. BioFlyte Biological Detection System Product Overview

Table 64. BioFlyte Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. BioFlyte Business Overview

Table 66. BioFlyte SWOT Analysis

Table 67. BioFlyte Recent Developments

Table 68. Smiths Detection Basic Information

Table 69. Smiths Detection Biological Detection System Product Overview

Table 70. Smiths Detection Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Smiths Detection Business Overview

Table 72. Smiths Detection SWOT Analysis

Table 73. Smiths Detection Recent Developments

Table 74. Bruker Corporation Basic Information

Table 75. Bruker Corporation Biological Detection System Product Overview

Table 76. Bruker Corporation Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Bruker Corporation Business Overview

- Table 78. Bruker Corporation SWOT Analysis
- Table 79. Bruker Corporation Recent Developments
- Table 80. Thermo Fisher Scientific Basic Information
- Table 81. Thermo Fisher Scientific Biological Detection System Product Overview
- Table 82. Thermo Fisher Scientific Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 83. Thermo Fisher Scientific Business Overview
- Table 84. Thermo Fisher Scientific Recent Developments
- Table 85. BioFire Diagnostics Basic Information
- Table 86. BioFire Diagnostics Biological Detection System Product Overview
- Table 87. BioFire Diagnostics Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 88. BioFire Diagnostics Business Overview
- Table 89. BioFire Diagnostics Recent Developments
- Table 90. Agilent Technologies Basic Information
- Table 91. Agilent Technologies Biological Detection System Product Overview
- Table 92. Agilent Technologies Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. Agilent Technologies Business Overview
- Table 94. Agilent Technologies Recent Developments
- Table 95. PerkinElmer, Inc. Basic Information
- Table 96. PerkinElmer, Inc. Biological Detection System Product Overview
- Table 97. PerkinElmer, Inc. Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. PerkinElmer, Inc. Business Overview
- Table 99. PerkinElmer, Inc. Recent Developments
- Table 100. Roche Diagnostics Basic Information
- Table 101. Roche Diagnostics Biological Detection System Product Overview
- Table 102. Roche Diagnostics Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 103. Roche Diagnostics Business Overview
- Table 104. Roche Diagnostics Recent Developments
- Table 105. QIAGEN N.V. Basic Information
- Table 106. QIAGEN N.V. Biological Detection System Product Overview
- Table 107. QIAGEN N.V. Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 108. QIAGEN N.V. Business Overview
- Table 109. QIAGEN N.V. Recent Developments
- Table 110. Tecan Group Ltd. Basic Information

- Table 111. Tecan Group Ltd. Biological Detection System Product Overview
- Table 112. Tecan Group Ltd. Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 113. Tecan Group Ltd. Business Overview
- Table 114. Tecan Group Ltd. Recent Developments
- Table 115. Battelle Memorial Institute Basic Information
- Table 116. Battelle Memorial Institute Biological Detection System Product Overview
- Table 117. Battelle Memorial Institute Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 118. Battelle Memorial Institute Business Overview
- Table 119. Battelle Memorial Institute Recent Developments
- Table 120. PositiveID Corporation Basic Information
- Table 121. PositiveID Corporation Biological Detection System Product Overview
- Table 122. PositiveID Corporation Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 123. PositiveID Corporation Business Overview
- Table 124. PositiveID Corporation Recent Developments
- Table 125. Canary Health Technologies Basic Information
- Table 126. Canary Health Technologies Biological Detection System Product Overview
- Table 127. Canary Health Technologies Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 128. Canary Health Technologies Business Overview
- Table 129. Canary Health Technologies Recent Developments
- Table 130. ANP Technologies Basic Information
- Table 131. ANP Technologies Biological Detection System Product Overview
- Table 132. ANP Technologies Biological Detection System Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 133. ANP Technologies Business Overview
- Table 134. ANP Technologies Recent Developments
- Table 135. Global Biological Detection System Sales Forecast by Region (2026-2035) & (K Units)
- Table 136. Global Biological Detection System Market Size Forecast by Region (2026-2035) & (M USD)
- Table 137. North America Biological Detection System Sales Forecast by Country (2026-2035) & (K Units)
- Table 138. North America Biological Detection System Market Size Forecast by Country (2026-2035) & (M USD)
- Table 139. Europe Biological Detection System Sales Forecast by Country (2026-2035) & (K Units)

Table 140. Europe Biological Detection System Market Size Forecast by Country (2026-2035) & (M USD)

Table 141. Asia Pacific Biological Detection System Sales Forecast by Region (2026-2035) & (K Units)

Table 142. Asia Pacific Biological Detection System Market Size Forecast by Region (2026-2035) & (M USD)

Table 143. South America Biological Detection System Sales Forecast by Country (2026-2035) & (K Units)

Table 144. South America Biological Detection System Market Size Forecast by Country (2026-2035) & (M USD)

Table 145. Middle East and Africa Biological Detection System Sales Forecast by Country (2026-2035) & (Units)

Table 146. Middle East and Africa Biological Detection System Market Size Forecast by Country (2026-2035) & (M USD)

Table 147. Global Biological Detection System Sales Forecast by Type (2026-2035) & (K Units)

Table 148. Global Biological Detection System Market Size Forecast by Type (2026-2035) & (M USD)

Table 149. Global Biological Detection System Price Forecast by Type (2026-2035) & (USD/Unit)

Table 150. Global Biological Detection System Sales (K Units) Forecast by Application (2026-2035)

Table 151. Global Biological Detection System Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Biological Detection System
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Biological Detection System Market Size (M USD), 2025-2035
- Figure 5. Global Biological Detection System Market Size (M USD) (2020-2035)
- Figure 6. Global Biological Detection System Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Biological Detection System Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Biological Detection System Product Life Cycle
- Figure 13. Biological Detection System Sales Share by Manufacturers in 2025
- Figure 14. Global Biological Detection System Revenue Share by Manufacturers in 2025
- Figure 15. Biological Detection System Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Biological Detection System Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Biological Detection System Revenue in 2025
- Figure 18. Industry Chain Map of Biological Detection System
- Figure 19. Global Biological Detection System Market PEST Analysis
- Figure 20. Global Biological Detection System Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Biological Detection System Market Share by Type
- Figure 27. Sales Market Share of Biological Detection System by Type (2020-2025)
- Figure 28. Sales Market Share of Biological Detection System by Type in 2025
- Figure 29. Market Share of Biological Detection System by Type (2020-2025)
- Figure 30. Market Share of Biological Detection System by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

- Figure 32. Global Biological Detection System Market Share by Application
- Figure 33. Global Biological Detection System Sales Market Share by Application (2020-2025)
- Figure 34. Global Biological Detection System Sales Market Share by Application in 2025
- Figure 35. Global Biological Detection System Market Share by Application (2020-2025)
- Figure 36. Global Biological Detection System Market Share by Application in 2025
- Figure 37. Global Biological Detection System Sales Growth Rate by Application (2020-2025)
- Figure 38. Global Biological Detection System Sales Market Share by Region (2020-2025)
- Figure 39. Global Biological Detection System Market Size by Region (2020-2025)
- Figure 40. North America Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 41. North America Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 42. North America Biological Detection System Sales Market Share by Country in 2024
- Figure 43. North America Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 44. North America Biological Detection System Market Size by Country in 2024
- Figure 45. U.S. Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 46. U.S. Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 47. Canada Biological Detection System Sales (K Units) and Growth Rate (2020-2025)
- Figure 48. Canada Biological Detection System Market Size (M USD) and Growth Rate (2020-2025)
- Figure 49. Mexico Biological Detection System Sales (Units) and Growth Rate (2020-2025)
- Figure 50. Mexico Biological Detection System Market Size (Units) and Growth Rate (2020-2025)
- Figure 51. Europe Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)
- Figure 52. Europe Biological Detection System Sales Market Share by Country in 2024
- Figure 53. Europe Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)
- Figure 54. Europe Biological Detection System Market Size by Country in 2024

Figure 55. Germany Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Biological Detection System Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Biological Detection System Sales Market Share by Region in 2024

Figure 67. Asia Pacific Biological Detection System Market Size by Region in 2024

Figure 68. China Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Biological Detection System Market Size and Growth Rate (2020-2025)

& (M USD)

Figure 76. Southeast Asia Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Biological Detection System Sales and Growth Rate (K Units)

Figure 79. South America Biological Detection System Sales Market Share by Country in 2024

Figure 80. South America Biological Detection System Market Size and Growth Rate (M USD)

Figure 81. South America Biological Detection System Market Size by Country in 2024

Figure 82. Brazil Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Biological Detection System Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Biological Detection System Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Biological Detection System Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Biological Detection System Market Size by Region in 2024

Figure 92. Saudi Arabia Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Biological Detection System Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Biological Detection System Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Biological Detection System Production Market Share by Region (2020-2025)

Figure 103. North America Biological Detection System Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Biological Detection System Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Biological Detection System Production (K Units) Growth Rate (2020-2025)

Figure 106. China Biological Detection System Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Biological Detection System Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Biological Detection System Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Biological Detection System Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Biological Detection System Market Share Forecast by Type (2026-2035)

Figure 111. Global Biological Detection System Sales Forecast by Application (2026-2035)

Figure 112. Global Biological Detection System Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global Biological Detection System Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/GCCEC74B8671EN.html>

Price: US\$ 3,200.00 (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/GCCEC74B8671EN.html>