

Global Bacterial Endotoxin Testing Service Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Bacterial Endotoxin Testing Service market size was valued at US\$ 401 million in 2025 and is forecast to a readjusted size of US\$ 593 million by 2032 with a CAGR of 5.7% during review period.

Bacterial Endotoxin Testing Service is a third-party laboratory testing service used to detect and quantify endotoxins, mainly lipopolysaccharides from Gram-negative bacteria, in injectable drugs, biologics, medical devices, raw materials, process water, and sterile manufacturing environments. It is commonly performed using LAL-based methods or newer recombinant-reagent methods to confirm that products meet pharmacopoeial and regulatory safety limits before release.

Driven by tightened global pharmaceutical supervision and higher safety requirements for injections, medical devices and biotech products, the bacterial endotoxin testing service industry sustains stable expansion, featuring core trends of animal-free recombinant detection adoption, intelligent automatic high-efficiency testing, digital data management and cross-border certification mutual recognition that greatly boost detection precision and service credibility. Booming demands from biopharmaceutical manufacturing, vaccine development, aesthetic medical supplies and international pharmaceutical trade bring enormous market opportunities, and growing outsourcing testing needs from drug enterprises continuously enlarge industrial development space. Meanwhile, the sector encounters notable challenges including unstable supply of key testing reagents, divergent regulatory standards across regions, insufficient skilled professional personnel, high qualification and operating costs, fierce homogeneous competition and uncertain interference factors affecting final testing outcomes.

This report is a detailed and comprehensive analysis for global Bacterial Endotoxin Testing Service 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 2025, are provided.

Key Features:

Global Bacterial Endotoxin Testing Service market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Bacterial Endotoxin Testing Service market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Bacterial Endotoxin Testing Service market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Bacterial Endotoxin Testing Service market shares of main players, in revenue (\$ Million), 2021-2026

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 Bacterial Endotoxin Testing Service

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 Bacterial Endotoxin Testing Service market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Accugen Labs, Charles River Laboratories, Pacific BioLabs, Steris, Nelson Laboratories, Bio-Synthesis, Eurofins Scientific, Honeyman Group, Medicilon, Micro-Serve, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Bacterial Endotoxin Testing Service market is split by Type and by Application. For the period 2021-2032, the growth among segments provides 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

Gel Clot Endotoxin Test

Chromogenic Endotoxin Test

Turbidimetric Endotoxin Test

Others

Market segment by Service Form

On-site Testing

Lab Testing

Market segment by Testing Sensitivity

Low-Sensitivity Testing: >0.25 EU/mL

Standard-Sensitivity Testing: 0.05?0.25 EU/mL

High-Sensitivity Testing:

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Classification of Bacterial Endotoxin Testing Service by Type

1.3.1 Overview: Global Bacterial Endotoxin Testing Service Market Size by Type: 2021 Versus 2025 Versus 2032

1.3.2 Global Bacterial Endotoxin Testing Service Consumption Value Market Share by Type in 2025

1.3.3 Gel Clot Endotoxin Test

1.3.4 Chromogenic Endotoxin Test

1.3.5 Turbidimetric Endotoxin Test

1.3.6 Others

1.4 Classification of Bacterial Endotoxin Testing Service by Service Form

1.4.1 Overview: Global Bacterial Endotoxin Testing Service Market Size by Service Form: 2021 Versus 2025 Versus 2032

1.4.2 Global Bacterial Endotoxin Testing Service Consumption Value Market Share by Service Form in 2025

1.4.3 On-site Testing

1.4.4 Lab Testing

1.5 Classification of Bacterial Endotoxin Testing Service by Testing Sensitivity

1.5.1 Overview: Global Bacterial Endotoxin Testing Service Market Size by Testing Sensitivity: 2021 Versus 2025 Versus 2032

1.5.2 Global Bacterial Endotoxin Testing Service Consumption Value Market Share by Testing Sensitivity in 2025

1.5.3 Low-Sensitivity Testing: >0.25 EU/mL

1.5.4 Standard-Sensitivity Testing: 0.05?0.25 EU/mL

1.5.5 High-Sensitivity Testing:

List Of Tables

LIST OF TABLES

Table 1. Global Bacterial Endotoxin Testing Service Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Bacterial Endotoxin Testing Service Consumption Value by Service Form, (USD Million), 2021 & 2025 & 2032

Table 3. Global Bacterial Endotoxin Testing Service Consumption Value by Testing Sensitivity, (USD Million), 2021 & 2025 & 2032

Table 4. Global Bacterial Endotoxin Testing Service Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Global Bacterial Endotoxin Testing Service Consumption Value by Region (2021-2026) & (USD Million)

Table 6. Global Bacterial Endotoxin Testing Service Consumption Value by Region (2027-2032) & (USD Million)

Table 7. Accugen Labs Company Information, Head Office, and Major Competitors

Table 8. Accugen Labs Major Business

Table 9. Accugen Labs Bacterial Endotoxin Testing Service Product and Solutions

Table 10. Accugen Labs Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 11. Accugen Labs Recent Developments and Future Plans

Table 12. Charles River Laboratories Company Information, Head Office, and Major Competitors

Table 13. Charles River Laboratories Major Business

Table 14. Charles River Laboratories Bacterial Endotoxin Testing Service Product and Solutions

Table 15. Charles River Laboratories Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 16. Charles River Laboratories Recent Developments and Future Plans

Table 17. Pacific BioLabs Company Information, Head Office, and Major Competitors

Table 18. Pacific BioLabs Major Business

Table 19. Pacific BioLabs Bacterial Endotoxin Testing Service Product and Solutions

Table 20. Pacific BioLabs Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 21. Steris Company Information, Head Office, and Major Competitors

Table 22. Steris Major Business

Table 23. Steris Bacterial Endotoxin Testing Service Product and Solutions

Table 24. Steris Bacterial Endotoxin Testing Service Revenue (USD Million), Gross

Margin and Market Share (2021-2026)

Table 25. Steris Recent Developments and Future Plans

Table 26. Nelson Laboratories Company Information, Head Office, and Major Competitors

Table 27. Nelson Laboratories Major Business

Table 28. Nelson Laboratories Bacterial Endotoxin Testing Service Product and Solutions

Table 29. Nelson Laboratories Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 30. Nelson Laboratories Recent Developments and Future Plans

Table 31. Bio-Synthesis Company Information, Head Office, and Major Competitors

Table 32. Bio-Synthesis Major Business

Table 33. Bio-Synthesis Bacterial Endotoxin Testing Service Product and Solutions

Table 34. Bio-Synthesis Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 35. Bio-Synthesis Recent Developments and Future Plans

Table 36. Eurofins Scientific Company Information, Head Office, and Major Competitors

Table 37. Eurofins Scientific Major Business

Table 38. Eurofins Scientific Bacterial Endotoxin Testing Service Product and Solutions

Table 39. Eurofins Scientific Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 40. Eurofins Scientific Recent Developments and Future Plans

Table 41. Honeyman Group Company Information, Head Office, and Major Competitors

Table 42. Honeyman Group Major Business

Table 43. Honeyman Group Bacterial Endotoxin Testing Service Product and Solutions

Table 44. Honeyman Group Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 45. Honeyman Group Recent Developments and Future Plans

Table 46. Medicilon Company Information, Head Office, and Major Competitors

Table 47. Medicilon Major Business

Table 48. Medicilon Bacterial Endotoxin Testing Service Product and Solutions

Table 49. Medicilon Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 50. Medicilon Recent Developments and Future Plans

Table 51. Micro-Serve Company Information, Head Office, and Major Competitors

Table 52. Micro-Serve Major Business

Table 53. Micro-Serve Bacterial Endotoxin Testing Service Product and Solutions

Table 54. Micro-Serve Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 55. Micro-Serve Recent Developments and Future Plans
Table 56. SGS Company Information, Head Office, and Major Competitors
Table 57. SGS Major Business
Table 58. SGS Bacterial Endotoxin Testing Service Product and Solutions
Table 59. SGS Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 60. SGS Recent Developments and Future Plans
Table 61. WuXi AppTec Company Information, Head Office, and Major Competitors
Table 62. WuXi AppTec Major Business
Table 63. WuXi AppTec Bacterial Endotoxin Testing Service Product and Solutions
Table 64. WuXi AppTec Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 65. WuXi AppTec Recent Developments and Future Plans
Table 66. NAMSА Company Information, Head Office, and Major Competitors
Table 67. NAMSА Major Business
Table 68. NAMSА Bacterial Endotoxin Testing Service Product and Solutions
Table 69. NAMSА Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 70. NAMSА Recent Developments and Future Plans
Table 71. Pace Analytical Life Sciences Company Information, Head Office, and Major Competitors
Table 72. Pace Analytical Life Sciences Major Business
Table 73. Pace Analytical Life Sciences Bacterial Endotoxin Testing Service Product and Solutions
Table 74. Pace Analytical Life Sciences Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 75. Pace Analytical Life Sciences Recent Developments and Future Plans
Table 76. Cambrex Company Information, Head Office, and Major Competitors
Table 77. Cambrex Major Business
Table 78. Cambrex Bacterial Endotoxin Testing Service Product and Solutions
Table 79. Cambrex Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 80. Cambrex Recent Developments and Future Plans
Table 81. Cormica Company Information, Head Office, and Major Competitors
Table 82. Cormica Major Business
Table 83. Cormica Bacterial Endotoxin Testing Service Product and Solutions
Table 84. Cormica Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. Cormica Recent Developments and Future Plans

Table 86. NJ Labs Company Information, Head Office, and Major Competitors
Table 87. NJ Labs Major Business
Table 88. NJ Labs Bacterial Endotoxin Testing Service Product and Solutions
Table 89. NJ Labs Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 90. NJ Labs Recent Developments and Future Plans
Table 91. BA Sciences Company Information, Head Office, and Major Competitors
Table 92. BA Sciences Major Business
Table 93. BA Sciences Bacterial Endotoxin Testing Service Product and Solutions
Table 94. BA Sciences Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 95. BA Sciences Recent Developments and Future Plans
Table 96. Clongen Laboratories Company Information, Head Office, and Major Competitors
Table 97. Clongen Laboratories Major Business
Table 98. Clongen Laboratories Bacterial Endotoxin Testing Service Product and Solutions
Table 99. Clongen Laboratories Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 100. Clongen Laboratories Recent Developments and Future Plans
Table 101. Eagle Analytical Company Information, Head Office, and Major Competitors
Table 102. Eagle Analytical Major Business
Table 103. Eagle Analytical Bacterial Endotoxin Testing Service Product and Solutions
Table 104. Eagle Analytical Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 105. Eagle Analytical Recent Developments and Future Plans
Table 106. Shanghai Medicilon Inc. Company Information, Head Office, and Major Competitors
Table 107. Shanghai Medicilon Inc. Major Business
Table 108. Shanghai Medicilon Inc. Bacterial Endotoxin Testing Service Product and Solutions
Table 109. Shanghai Medicilon Inc. Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 110. Shanghai Medicilon Inc. Recent Developments and Future Plans
Table 111. CTI Pharma Company Information, Head Office, and Major Competitors
Table 112. CTI Pharma Major Business
Table 113. CTI Pharma Bacterial Endotoxin Testing Service Product and Solutions
Table 114. CTI Pharma Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. CTI Pharma Recent Developments and Future Plans
Table 116. FUJIFILM Wako Pure Chemical Corporation Company Information, Head Office, and Major Competitors
Table 117. FUJIFILM Wako Pure Chemical Corporation Major Business
Table 118. FUJIFILM Wako Pure Chemical Corporation Bacterial Endotoxin Testing Service Product and Solutions
Table 119. FUJIFILM Wako Pure Chemical Corporation Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 120. FUJIFILM Wako Pure Chemical Corporation Recent Developments and Future Plans
Table 121. Koga Isotope Ltd. Company Information, Head Office, and Major Competitors
Table 122. Koga Isotope Ltd. Major Business
Table 123. Koga Isotope Ltd. Bacterial Endotoxin Testing Service Product and Solutions
Table 124. Koga Isotope Ltd. Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 125. Koga Isotope Ltd. Recent Developments and Future Plans
Table 126. Takara Bio Inc. Company Information, Head Office, and Major Competitors
Table 127. Takara Bio Inc. Major Business
Table 128. Takara Bio Inc. Bacterial Endotoxin Testing Service Product and Solutions
Table 129. Takara Bio Inc. Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 130. Takara Bio Inc. Recent Developments and Future Plans
Table 131. Boran Pharma Co., Ltd. Company Information, Head Office, and Major Competitors
Table 132. Boran Pharma Co., Ltd. Major Business
Table 133. Boran Pharma Co., Ltd. Bacterial Endotoxin Testing Service Product and Solutions
Table 134. Boran Pharma Co., Ltd. Bacterial Endotoxin Testing Service Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 135. Boran Pharma Co., Ltd. Recent Developments and Future Plans
Table 136. Global Bacterial Endotoxin Testing Service Revenue (USD Million) by Players (2021-2026)
Table 137. Global Bacterial Endotoxin Testing Service Revenue Share by Players (2021-2026)
Table 138. Breakdown of Bacterial Endotoxin Testing Service by Company Type (Tier 1, Tier 2, and Tier 3)
Table 139. Market Position of Players in Bacterial Endotoxin Testing Service, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 140. Head Office of Key Bacterial Endotoxin Testing Service Players

Table 141. Bacterial Endotoxin Testing Service Market: Company Product Type Footprint

Table 142. Bacterial Endotoxin Testing Service Market: Company Product Application Footprint

Table 143. Bacterial Endotoxin Testing Service New Market Entrants and Barriers to Market Entry

Table 144. Bacterial Endotoxin Testing Service Mergers, Acquisition, Agreements, and Collaborations

Table 145. Global Bacterial Endotoxin Testing Service Consumption Value (USD Million) by Type (2021-2026)

Table 146. Global Bacterial Endotoxin Testing Service Consumption Value Share by Type (2021-2026)

Table 147. Global Bacterial Endotoxin Testing Service Consumption Value Forecast by Type (2027-2032)

Table 148. Global Bacterial Endotoxin Testing Service Consumption Value by Application (2021-2026)

Table 149. Global Bacterial Endotoxin Testing Service Consumption Value Forecast by Application (2027-2032)

Table 150. North America Bacterial Endotoxin Testing Service Consumption Value by Type (2021-2026) & (USD Million)

Table 151. North America Bacterial Endotoxin Testing Service Consumption Value by Type (2027-2032) & (USD Million)

Table 152. North America Bacterial Endotoxin Testing Service Consumption Value by Application (2021-2026) & (USD Million)

Table 153. North America Bacterial Endotoxin Testing Service Consumption Value by Application (2027-2032) & (USD Million)

Table 154. North America Bacterial Endotoxin Testing Service Consumption Value by Country (2021-2026) & (USD Million)

Table 155. North America Bacterial Endotoxin Testing Service Consumption Value by Country (2027-2032) & (USD Million)

Table 156. Europe Bacterial Endotoxin Testing Service Consumption Value by Type (2021-2026) & (USD Million)

Table 157. Europe Bacterial Endotoxin Testing Service Consumption Value by Type (2027-2032) & (USD Million)

Table 158. Europe Bacterial Endotoxin Testing Service Consumption Value by Application (2021-2026) & (USD Million)

Table 159. Europe Bacterial Endotoxin Testing Service Consumption Value by Application (2027-2032) & (USD Million)

Table 160. Europe Bacterial Endotoxin Testing Service Consumption Value by Country (2021-2026) & (USD Million)

Table 161. Europe Bacterial Endotoxin Testing Service Consumption Value by Country (2027-2032) & (USD Million)

Table 162. Asia-Pacific Bacterial Endotoxin Testing Service Consumption Value by Type (2021-2026) & (USD Million)

Table 163. Asia-Pacific Bacterial Endotoxin Testing Service Consumption Value by Type (2027-2032) & (USD Million)

Table 164. Asia-Pacific Bacterial Endotoxin Testing Service Consumption Value by Application (2021-2026) & (USD Million)

Table 165. Asia-Pacific Bacterial Endotoxin Testing Service Consumption Value by Application (2027-2032) & (USD Million)

Table 166. Asia-Pacific Bacterial Endotoxin Testing Service Consumption Value by Region (2021-2026) & (USD Million)

Table 167. Asia-Pacific Bacterial Endotoxin Testing Service Consumption Value by Region (2027-2032) & (USD Million)

Table 168. South America Bacterial Endotoxin Testing Service Consumption Value by Type (2021-2026) & (USD Million)

Table 169. South America Bacterial Endotoxin Testing Service Consumption Value by Type (2027-2032) & (USD Million)

Table 170. South America Bacterial Endotoxin Testing Service Consumption Value by Application (2021-2026) & (USD Million)

Table 171. South America Bacterial Endotoxin Testing Service Consumption Value by Application (2027-2032) & (USD Million)

Table 172. South America Bacterial Endotoxin Testing Service Consumption Value by Country (2021-2026) & (USD Million)

Table 173. South America Bacterial Endotoxin Testing Service Consumption Value by Country (2027-2032) & (USD Million)

Table 174. Middle East & Africa Bacterial Endotoxin Testing Service Consumption Value by Type (2021-2026) & (USD Million)

Table 175. Middle East & Africa Bacterial Endotoxin Testing Service Consumption Value by Type (2027-2032) & (USD Million)

Table 176. Middle East & Africa Bacterial Endotoxin Testing Service Consumption Value by Application (2021-2026) & (USD Million)

Table 177. Middle East & Africa Bacterial Endotoxin Testing Service Consumption Value by Application (2027-2032) & (USD Million)

Table 178. Middle East & Africa Bacterial Endotoxin Testing Service Consumption Value by Country (2021-2026) & (USD Million)

Table 179. Middle East & Africa Bacterial Endotoxin Testing Service Consumption

Value by Country (2027-2032) & (USD Million)

Table 180. Global Key Players of Bacterial Endotoxin Testing Service Upstream (Raw Materials)

Table 181. Global Bacterial Endotoxin Testing Service Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Bacterial Endotoxin Testing Service Picture

Figure 2. Global Bacterial Endotoxin Testing Service Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Bacterial Endotoxin Testing Service Consumption Value Market Share by Type in 2025

Figure 4. Gel Clot Endotoxin Test

Figure 5. Chromogenic Endotoxin Test

Figure 6. Turbidimetric Endotoxin Test

Figure 7. Others

Figure 8. Global Bacterial Endotoxin Testing Service Consumption Value by Service Form, (USD Million), 2021 & 2025 & 2032

Figure 9. Global Bacterial Endotoxin Testing Service Consumption Value Market Share by Service Form in 2025

Figure 10. On-site Testing

Figure 11. Lab Testing

Figure 12. Global Bacterial Endotoxin Testing Service Consumption Value by Testing Sensitivity, (USD Million), 2021 & 2025 & 2032

Figure 13. Global Bacterial Endotoxin Testing Service Consumption Value Market Share by Testing Sensitivity in 2025

Figure 14. Low-Sensitivity Testing: >0.25 EU/mL

Figure 15. Standard-Sensitivity Testing: 0.05?0.25 EU/mL

Figure 16. High-Sensitivity Testing:

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