

# **Global Sterility Testing Market Size study, By Product (Kits and Reagents, Instruments, Services), By Test (Membrane Filtration, Direct Inoculation, Other Sterility Tests), By Application (Pharmaceutical and Biological Manufacturing, Medical Devices Manufacturing, Others Applications), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Sterility Testing Market is valued approximately USD 943.05 million in 2021 and is anticipated to grow with a healthy growth rate of more than 12.3% over the forecast period 2022-2028.

Sterility testing is a method that is used to demonstrate the absence or presence of inessential viable contaminating microorganisms in the biological parenteral which is designed for human use. This testing procedure is gaining huge traction in the applications such as medical device manufacturing, biological and pharmaceutical manufacturing, and many other applications. The flourishing growth of the biotechnology & pharmaceutical companies, the growing number of drug launches, increasing government support to the industries, coupled with the rising R&D investments in life sciences are the chief factors that are surging the market demand across the globe. For instance, according to the India Brand Equity Foundation (IBEF), the Indian pharma sector invest nearly USD 42 billion in 2021, also the amount is likely to reach about USD 65 billion by 2024. Thereby, rising investment in the drug discovery and the pharmaceutical segment are anticipated to foster market growth. However, stringent regulatory frameworks and time-consuming approval processes, and a dearth of skilled professionals impede the growth of the market over the forecast period of 2022-2028. Also, the growth of emerging economies and increasing pharmaceutical

outsourcing are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Sterility Testing market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to availability of the advanced healthcare facilities and increasing expenditure on life science research in the region. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the rising trend of pharmaceutical outsourcing to Asian countries like India and China., and the growth of emerging economies such as India and China would create lucrative growth prospects for the Sterility Testing market across the Asia-Pacific region.

Major market players included in this report are:

Merck KGaA

Charles River Laboratories International, Inc.

Biomérieux SA

SGS S.A.

Danaher Corporation

Nelson Laboratories

Pacific Biolabs

Sartorius AG

Thermo Fisher Scientific Inc.

Toxikon Corporation

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

By Product

Kits and Reagents

Instruments

Services

By Test

Membrane Filtration  
Direct Inoculation  
Other Sterility Tests  
By Application  
Pharmaceutical and Biological Manufacturing  
Medical Devices Manufacturing  
Others Applications  
By Region:  
North America  
U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

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

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020  
Base year – 2021  
Forecast period – 2022 to 2028

Target Audience of the Global Sterility Testing Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Million)
  - 1.2.1. Global Sterility Testing Market, by Region, 2020-2028 (USD Million)
  - 1.2.2. Global Sterility Testing Market, by Product, 2020-2028 (USD Million)
  - 1.2.3. Global Sterility Testing Market, by Test, 2020-2028 (USD Million)
  - 1.2.4. Global Sterility Testing Market, by Application, 2020-2028 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL STERILITY TESTING MARKET DEFINITION AND SCOPE

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

### CHAPTER 3. GLOBAL STERILITY TESTING MARKET DYNAMICS

- 3.1. Sterility Testing Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Rising government support for pharmaceutical and biotechnology industries
    - 3.1.1.2. Increasing R&D investments in life sciences
  - 3.1.2. Market Challenges
    - 3.1.2.1. Stringent regulatory frameworks and time-consuming approval processes
    - 3.1.2.2. Dearth of skilled professionals
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Growth of the emerging economies
    - 3.1.3.2. Increasing pharmaceutical outsourcing

### CHAPTER 4. GLOBAL STERILITY TESTING MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model

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

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

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

## **CHAPTER 6. GLOBAL STERILITY TESTING MARKET, BY PRODUCT**

- 6.1. Market Snapshot
- 6.2. Global Sterility Testing Market by Product, Performance - Potential Analysis
- 6.3. Global Sterility Testing Market Estimates & Forecasts by Product 2019-2028 (USD Million)
- 6.4. Sterility Testing Market, Sub Segment Analysis
  - 6.4.1. Kits and Reagents
  - 6.4.2. Instruments
  - 6.4.3. Services

## **CHAPTER 7. GLOBAL STERILITY TESTING MARKET, BY TEST**

- 7.1. Market Snapshot
- 7.2. Global Sterility Testing Market by Test, Performance - Potential Analysis
- 7.3. Global Sterility Testing Market Estimates & Forecasts by Test 2019-2028 (USD Million)
- 7.4. Sterility Testing Market, Sub Segment Analysis

- 7.4.1. Membrane Filtration
- 7.4.2. Direct Inoculation
- 7.4.3. Other Sterility Tests

## **CHAPTER 8. GLOBAL STERILITY TESTING MARKET, BY APPLICATION**

- 8.1. Market Snapshot
- 8.2. Global Sterility Testing Market by Application, Performance - Potential Analysis
- 8.3. Global Sterility Testing Market Estimates & Forecasts by Application 2019-2028 (USD Million)
- 8.4. Sterility Testing Market, Sub Segment Analysis
  - 8.4.1. Pharmaceutical and Biological Manufacturing
  - 8.4.2. Medical Devices Manufacturing
  - 8.4.3. Others Applications

## **CHAPTER 9. GLOBAL STERILITY TESTING MARKET, REGIONAL ANALYSIS**

- 9.1. Sterility Testing Market, Regional Market Snapshot
- 9.2. North America Sterility Testing Market
  - 9.2.1. U.S. Sterility Testing Market
    - 9.2.1.1. Product estimates & forecasts, 2019-2028
    - 9.2.1.2. Test estimates & forecasts, 2019-2028
    - 9.2.1.3. Application estimates & forecasts, 2019-2028
  - 9.2.2. Canada Sterility Testing Market
- 9.3. Europe Sterility Testing Market Snapshot
  - 9.3.1. U.K. Sterility Testing Market
  - 9.3.2. Germany Sterility Testing Market
  - 9.3.3. France Sterility Testing Market
  - 9.3.4. Spain Sterility Testing Market
  - 9.3.5. Italy Sterility Testing Market
  - 9.3.6. Rest of Europe Sterility Testing Market
- 9.4. Asia-Pacific Sterility Testing Market Snapshot
  - 9.4.1. China Sterility Testing Market
  - 9.4.2. India Sterility Testing Market
  - 9.4.3. Japan Sterility Testing Market
  - 9.4.4. Australia Sterility Testing Market
  - 9.4.5. South Korea Sterility Testing Market
  - 9.4.6. Rest of Asia Pacific Sterility Testing Market
- 9.5. Latin America Sterility Testing Market Snapshot

- 9.5.1. Brazil Sterility Testing Market
- 9.5.2. Mexico Sterility Testing Market
- 9.6. Rest of The World Sterility Testing Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Top Market Strategies
- 10.2. Company Profiles
  - 10.2.1. Merck KGaA
    - 10.2.1.1. Key Information
    - 10.2.1.2. Overview
    - 10.2.1.3. Financial (Subject to Data Availability)
    - 10.2.1.4. Product Summary
    - 10.2.1.5. Recent Developments
  - 10.2.2. Charles River Laboratories International, Inc.
  - 10.2.3. Biomérieux SA
  - 10.2.4. SGS S.A.
  - 10.2.5. Danaher Corporation
  - 10.2.6. Nelson Laboratories
  - 10.2.7. Pacific Biolabs
  - 10.2.8. Sartorius AG
  - 10.2.9. Thermo Fisher Scientific Inc.
  - 10.2.10. Toxikon Corporation

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process
  - 11.1.1. Data Mining
  - 11.1.2. Analysis
  - 11.1.3. Market Estimation
  - 11.1.4. Validation
  - 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption



## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Sterility Testing Market, report scope
- TABLE 2. Global Sterility Testing Market estimates & forecasts by Region 2019-2028 (USD Million)
- TABLE 3. Global Sterility Testing Market estimates & forecasts by Product 2019-2028 (USD Million)
- TABLE 4. Global Sterility Testing Market estimates & forecasts by Test 2019-2028 (USD Million)
- TABLE 5. Global Sterility Testing Market estimates & forecasts by Application 2019-2028 (USD Million)
- TABLE 6. Global Sterility Testing Market by segment, estimates & forecasts, 2019-2028 (USD Million)
- TABLE 7. Global Sterility Testing Market by region, estimates & forecasts, 2019-2028 (USD Million)
- TABLE 8. Global Sterility Testing Market by segment, estimates & forecasts, 2019-2028 (USD Million)
- TABLE 9. Global Sterility Testing Market by region, estimates & forecasts, 2019-2028 (USD Million)
- TABLE 10. Global Sterility Testing Market by segment, estimates & forecasts, 2019-2028 (USD Million)
- TABLE 11. Global Sterility Testing Market by region, estimates & forecasts, 2019-2028 (USD Million)
- TABLE 12. Global Sterility Testing Market by segment, estimates & forecasts, 2019-2028 (USD Million)
- TABLE 13. Global Sterility Testing Market by region, estimates & forecasts, 2019-2028 (USD Million)
- TABLE 14. Global Sterility Testing Market by segment, estimates & forecasts, 2019-2028 (USD Million)
- TABLE 15. Global Sterility Testing Market by region, estimates & forecasts, 2019-2028 (USD Million)
- TABLE 16. U.S. Sterility Testing Market estimates & forecasts, 2019-2028 (USD Million)
- TABLE 17. U.S. Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)
- TABLE 18. U.S. Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)
- TABLE 19. Canada Sterility Testing Market estimates & forecasts, 2019-2028 (USD

Million)

TABLE 20. Canada Sterility Testing Market estimates & forecasts by segment  
2019-2028 (USD Million)

TABLE 21. Canada Sterility Testing Market estimates & forecasts by segment  
2019-2028 (USD Million)

TABLE 22. UK Sterility Testing Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 23. UK Sterility Testing Market estimates & forecasts by segment 2019-2028  
(USD Million)

TABLE 24. UK Sterility Testing Market estimates & forecasts by segment 2019-2028  
(USD Million)

TABLE 25. Germany Sterility Testing Market estimates & forecasts, 2019-2028 (USD  
Million)

TABLE 26. Germany Sterility Testing Market estimates & forecasts by segment  
2019-2028 (USD Million)

TABLE 27. Germany Sterility Testing Market estimates & forecasts by segment  
2019-2028 (USD Million)

TABLE 28. RoE Sterility Testing Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 29. RoE Sterility Testing Market estimates & forecasts by segment 2019-2028  
(USD Million)

TABLE 30. RoE Sterility Testing Market estimates & forecasts by segment 2019-2028  
(USD Million)

TABLE 31. China Sterility Testing Market estimates & forecasts, 2019-2028 (USD  
Million)

TABLE 32. China Sterility Testing Market estimates & forecasts by segment 2019-2028  
(USD Million)

TABLE 33. China Sterility Testing Market estimates & forecasts by segment 2019-2028  
(USD Million)

TABLE 34. India Sterility Testing Market estimates & forecasts, 2019-2028 (USD  
Million)

TABLE 35. India Sterility Testing Market estimates & forecasts by segment 2019-2028  
(USD Million)

TABLE 36. India Sterility Testing Market estimates & forecasts by segment 2019-2028  
(USD Million)

TABLE 37. Japan Sterility Testing Market estimates & forecasts, 2019-2028 (USD  
Million)

TABLE 38. Japan Sterility Testing Market estimates & forecasts by segment 2019-2028  
(USD Million)

TABLE 39. Japan Sterility Testing Market estimates & forecasts by segment 2019-2028  
(USD Million)

TABLE 40. RoAPAC Sterility Testing Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 41. RoAPAC Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 42. RoAPAC Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 43. Brazil Sterility Testing Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 44. Brazil Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 45. Brazil Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 46. Mexico Sterility Testing Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 47. Mexico Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 48. Mexico Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 49. RoLA Sterility Testing Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 50. RoLA Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 51. RoLA Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 52. Row Sterility Testing Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 53. Row Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 54. Row Sterility Testing Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 55. List of secondary sources, used in the study of global Sterility Testing Market

TABLE 56. List of primary sources, used in the study of global Sterility Testing Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

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

## I would like to order

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