

# **Global Pyrogen Testing Market Size study & Forecast, by Product (Kits and Reagents, Services, Instruments), Test Type (LAL Tests, Rabbit Pyrogen Test, Monocyte Activation Test, and Other Test Types), End User (Pharmaceutical and Biotechnology Companies, Medical Device Companies, and Other End Users), and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Pyrogen Testing Market is valued approximately at USD 1187.5 million in 2022 and is anticipated to grow with a growth rate of more than 9.8% over the forecast period 2023-2030. Pyrogen testing often performed to identify pyrogen contamination in pharmaceutical dosage forms and medical equipment. Following delivery, pyrogen-contaminated injections can result in a variety of life-threatening issues, including shock, fever, inflammation, and body aches. The market growth is driven by key factors such as rising R&D Expenditure in Life Science, rapid Growth in Pharmaceutical and Biotechnology Industries, and increased chronic disease burden.

According to Statista, A total of USD 285 billion were invested in life sciences agreements globally in 2020. Additionally, the pharmaceutical sector spent a total of USD 238 billion on research & development globally in 2021. In contrast, R&D costs came to USD 207 billion in 2020. Also, the World Health Organization (WHO) states that chronic diseases are the primary reason for global mortality. In 2019, ischemic heart disease alone accounted for approximately 8.89 million deaths. Collectively, cardiovascular diseases result in around 17.9 million fatalities each year. Moreover, the rise in the incidences of infectious diseases and research and development enhanced global market opportunities in Pyrogen Testing Market. However, stringent Government Regulations stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Pyrogen Testing Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America is leading the global market share owing to increasing number of pharmaceutical and biopharmaceutical companies. However, APAC is expected to be the fastest growing region due to the availability of less stringent government regulations for drug development in the region.

Major market player included in this report are:

Microcoat Biotechnologie GmbH

Lonza Group

Merck Kgaa

Thermo Fisher Scientific Inc.

Fujifilm Holdings Corporation (FUJIFILM Wako Pure Chemical Corporation)

WUXI Pharmatech (Cayman) Inc.

Eurofins Scientific

Microcoat Biotechnologie GmbH

Sotera Health (Nelson Laboratories LLC)

Sanquin Health Solution

Recent Developments in the Market:

In July 2020, Lonza Sales AG and Sanquin Reagents BV established an alliance for the sale of a variety of specialised reagents for the monocyte activation test (MAT)-based pyrogen testing of parenteral medicines and medical devices.

In July 2020, Lonza and Sanquin Reagents formed a strategic partnership for the sale of a variety of specialized reagents for the monocyte activation test-based pyrogen testing of parenteral medicines and medical devices. This

collaboration has contributed to the growth of Lonza's wide range of endotoxin testing solutions. As a result, all of these characteristics are discovered to stimulate market expansion generally.

#### Global Pyrogen Testing Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Product, Test Type, End User Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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

Services

Instruments

By Test Type:

LAL Tests

Rabbit Pyrogen Test

Monocyte Activation Test

Other Test Types

By End User:

Pharmaceutical and Biotechnology Companies

Medical Device Companies

Other End Users

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Million)
  - 1.2.1. Pyrogen Testing Market, by region, 2020-2030 (USD Million)
  - 1.2.2. Pyrogen Testing Market, by Product, 2020-2030 (USD Million)
  - 1.2.3. Pyrogen Testing Market, by Test Type, 2020-2030 (USD Million)
  - 1.2.4. Pyrogen Testing Market, by End User, 2020-2030 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

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

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

### CHAPTER 3. GLOBAL PYROGEN TESTING MARKET DYNAMICS

- 3.1. Pyrogen Testing Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Rising R&D Expenditure in Life Science
    - 3.1.1.2. Rapid Growth in Pharmaceutical and Biotechnology Industries
    - 3.1.1.3. Increase in the burden of chronic diseases
  - 3.1.2. Market Challenges
    - 3.1.2.1. Stringent Government Regulations
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rise in the incidences of infectious diseases
    - 3.1.3.2. Research and development

### CHAPTER 4. GLOBAL PYROGEN 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
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economic
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL PYROGEN TESTING MARKET, BY PRODUCT**

- 5.1. Market Snapshot
- 5.2. Global Pyrogen Testing Market by Product, Performance - Potential Analysis
- 5.3. Global Pyrogen Testing Market Estimates & Forecasts by Product 2020-2030 (USD Million)
- 5.4. Pyrogen Testing Market, Sub Segment Analysis
  - 5.4.1. Kits and Reagents
  - 5.4.2. Services
  - 5.4.3. Instruments

## **CHAPTER 6. GLOBAL PYROGEN TESTING MARKET, BY TEST TYPE**

- 6.1. Market Snapshot
- 6.2. Global Pyrogen Testing Market by Test Type, Performance - Potential Analysis
- 6.3. Global Pyrogen Testing Market Estimates & Forecasts by Test Type 2020-2030 (USD Million)
- 6.4. Pyrogen Testing Market, Sub Segment Analysis
  - 6.4.1. LAL Tests

- 6.4.2. Rabbit Pyrogen Test
- 6.4.3. Monocyte Activation Test
- 6.4.4. Other Test Types

## **CHAPTER 7. GLOBAL PYROGEN TESTING MARKET, BY END USER**

- 7.1. Market Snapshot
- 7.2. Global Pyrogen Testing Market by End User, Performance - Potential Analysis
- 7.3. Global Pyrogen Testing Market Estimates & Forecasts by End User 2020-2030 (USD Million)
- 7.4. Pyrogen Testing Market, Sub Segment Analysis
  - 7.4.1. Pharmaceutical and Biotechnology Companies
  - 7.4.2. Medical Device Companies
  - 7.4.3. Other End Users

## **CHAPTER 8. GLOBAL PYROGEN TESTING MARKET, REGIONAL ANALYSIS**

- 8.1. Top Leading Countries
- 8.2. Top Emerging Countries
- 8.3. Pyrogen Testing Market, Regional Market Snapshot
- 8.4. North America Pyrogen Testing Market
  - 8.4.1. U.S. Pyrogen Testing Market
    - 8.4.1.1. Product breakdown estimates & forecasts, 2020-2030
    - 8.4.1.2. Test Type breakdown estimates & forecasts, 2020-2030
    - 8.4.1.3. End User breakdown estimates & forecasts, 2020-2030
  - 8.4.2. Canada Pyrogen Testing Market
- 8.5. Europe Pyrogen Testing Market Snapshot
  - 8.5.1. U.K. Pyrogen Testing Market
  - 8.5.2. Germany Pyrogen Testing Market
  - 8.5.3. France Pyrogen Testing Market
  - 8.5.4. Spain Pyrogen Testing Market
  - 8.5.5. Italy Pyrogen Testing Market
  - 8.5.6. Rest of Europe Pyrogen Testing Market
- 8.6. Asia-Pacific Pyrogen Testing Market Snapshot
  - 8.6.1. China Pyrogen Testing Market
  - 8.6.2. India Pyrogen Testing Market
  - 8.6.3. Japan Pyrogen Testing Market
  - 8.6.4. Australia Pyrogen Testing Market
  - 8.6.5. South Korea Pyrogen Testing Market



- 8.6.6. Rest of Asia Pacific Pyrogen Testing Market
- 8.7. Latin America Pyrogen Testing Market Snapshot
  - 8.7.1. Brazil Pyrogen Testing Market
  - 8.7.2. Mexico Pyrogen Testing Market
- 8.8. Middle East & Africa Pyrogen Testing Market
  - 8.8.1. Saudi Arabia Pyrogen Testing Market
  - 8.8.2. South Africa Pyrogen Testing Market
  - 8.8.3. Rest of Middle East & Africa Pyrogen Testing Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Company
  - 9.1.2. Company
  - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. Microcoat Biotechnologie GmbH
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Recent Developments
  - 9.3.2. Lonza Group
  - 9.3.3. Merck Kgaa
  - 9.3.4. Thermo Fisher Scientific Inc.
  - 9.3.5. Fujifilm Holdings Corporation (FUJIFILM Wako Pure Chemical Corporation)
  - 9.3.6. WUXI Pharmatech (Cayman) Inc.
  - 9.3.7. Eurofins Scientific
  - 9.3.8. Microcoat Biotechnologie GmbH
  - 9.3.9. Sotera Health (Nelson Laboratories LLC)
  - 9.3.10. Sanquin Health Solution

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Pyrogen Testing Market, report scope
- TABLE 2. Global Pyrogen Testing Market estimates & forecasts by Region 2020-2030 (USD Million)
- TABLE 3. Global Pyrogen Testing Market estimates & forecasts by Product 2020-2030 (USD Million)
- TABLE 4. Global Pyrogen Testing Market estimates & forecasts by Test Type 2020-2030 (USD Million)
- TABLE 5. Global Pyrogen Testing Market estimates & forecasts by End User 2020-2030 (USD Million)
- TABLE 6. Global Pyrogen Testing Market by segment, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 7. Global Pyrogen Testing Market by region, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 8. Global Pyrogen Testing Market by segment, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 9. Global Pyrogen Testing Market by region, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 10. Global Pyrogen Testing Market by segment, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 11. Global Pyrogen Testing Market by region, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 12. Global Pyrogen Testing Market by segment, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 13. Global Pyrogen Testing Market by region, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 14. Global Pyrogen Testing Market by segment, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 15. Global Pyrogen Testing Market by region, estimates & forecasts, 2020-2030 (USD Million)
- TABLE 16. U.S. Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)
- TABLE 17. U.S. Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)
- TABLE 18. U.S. Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 19. Canada Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 20. Canada Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 21. Canada Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 22. UK Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 23. UK Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 24. UK Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 25. Germany Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 26. Germany Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 27. Germany Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 28. France Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 29. France Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 30. France Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 31. Italy Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 32. Italy Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 33. Italy Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 34. Spain Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 35. Spain Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 36. Spain Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 37. RoE Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 38. RoE Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 39. RoE Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 40. China Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 41. China Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 42. China Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 43. India Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 44. India Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 45. India Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 46. Japan Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 47. Japan Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 48. Japan Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 49. South Korea Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 50. South Korea Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 51. South Korea Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 52. Australia Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 53. Australia Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 54. Australia Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 55. RoAPAC Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 56. RoAPAC Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 57. RoAPAC Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 58. Brazil Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD

Million)

TABLE 59. Brazil Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 60. Brazil Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 61. Mexico Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 62. Mexico Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 63. Mexico Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 64. RoLA Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 65. RoLA Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 66. RoLA Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 67. Saudi Arabia Pyrogen Testing Market estimates & forecasts, 2020-2030 (USD Million)

TABLE 68. South Africa Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 69. RoMEA Pyrogen Testing Market estimates & forecasts by segment 2020-2030 (USD Million)

TABLE 70. List of secondary sources, used in the study of global Pyrogen Testing Market

TABLE 71. List of primary sources, used in the study of global Pyrogen Testing Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Pyrogen Testing Market, research methodology
  - FIG 2. Global Pyrogen Testing Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Pyrogen Testing Market, key trends 2022
  - FIG 5. Global Pyrogen Testing Market, growth prospects 2023-2030
  - FIG 6. Global Pyrogen Testing Market, porters 5 force model
  - FIG 7. Global Pyrogen Testing Market, pest analysis
  - FIG 8. Global Pyrogen Testing Market, value chain analysis
  - FIG 9. Global Pyrogen Testing Market by segment, 2020 & 2030 (USD Million)
  - FIG 10. Global Pyrogen Testing Market by segment, 2020 & 2030 (USD Million)
  - FIG 11. Global Pyrogen Testing Market by segment, 2020 & 2030 (USD Million)
  - FIG 12. Global Pyrogen Testing Market by segment, 2020 & 2030 (USD Million)
  - FIG 13. Global Pyrogen Testing Market by segment, 2020 & 2030 (USD Million)
  - FIG 14. Global Pyrogen Testing Market, regional snapshot 2020 & 2030
  - FIG 15. North America Pyrogen Testing Market 2020 & 2030 (USD Million)
  - FIG 16. Europe Pyrogen Testing Market 2020 & 2030 (USD Million)
  - FIG 17. Asia pacific Pyrogen Testing Market 2020 & 2030 (USD Million)
  - FIG 18. Latin America Pyrogen Testing Market 2020 & 2030 (USD Million)
  - FIG 19. Middle East & Africa Pyrogen Testing Market 2020 & 2030 (USD Million)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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