

Pyrogen Testing Market Size Predicted to Hit USD 3.3 billion by 2032 at 8.2% CAGR

Increase in prevalence of chronic diseases, growing initiatives for minimizing pyrogen contamination, and rise in R&D activities drive the growth of the market

PORTLAND, OR, UNITED STATES, October 7, 2025 /EINPresswire.com/ -- Allied Market Research published a report, titled, "[Pyrogen Testing Market](#)

by Product and Service (Reagents & Kits, Instruments, and Services), Test Type (LAL Test, Rabbit Pyrogen Test, and Others), and End User, (Pharmaceutical & Biotechnology Companies, Medical Device Companies, and Others): Global Opportunity Analysis and Industry Forecast, 2023-2032". According to the report, the global pyrogen testing industry generated \$1.5 billion in 2022, and is anticipated to generate \$3.3 billion by 2032, witnessing a CAGR of 8.2% from 2023 to 2032.





PYROGEN TESTING MARKET
OPPORTUNITIES AND FORECAST, 2023-2032

Pyrogen testing market is expected to reach **\$3.3 Billion** by 2032

Growing at a **CAGR of 8.2%** (2023-2032)

Report Code: A00669, www.alliedmarketresearch.com

Pyrogen Testing Market 2027

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Rise in prevalence of chronic diseases, growing initiatives for minimizing pyrogen contamination, and rise in R&D activities are the factors that drive the growth of the global pyrogen testing market. However, the limited standardization for pyrogen testing restricts market growth. Moreover, the high growth potential in emerging countries and rise in technological advancements in pyrogen testing presents new opportunities in the coming years.

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- Merck KGaA
- Lonza Group
- Thermo Fisher Scientific Inc.
- FUJIFILM Holdings Corporation
- GenScript

- SEIKAGAKU CORPORATION
- Charles River Laboratories
- STERIS
- WuXi AppTec
- Eurofins Scientific

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The report provides a detailed analysis of the top investment pockets, top winning strategies, drivers & opportunities, market size & estimations, competitive landscape, and evolving market trends. The market study is a helpful source of information for the frontrunners, new entrants, investors, and shareholders in crafting strategies for the future and heightening their position in the market.

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By product and service, the reagents and kits segment held the largest market share in 2022, accounting for nearly half of the global pyrogen testing market revenue and is estimated to maintain its leadership status throughout the forecast period. This is attributed to high adoption of regents & kits as they are serving as critical tools in detecting and quantifying pyrogens in pharmaceutical and biotechnology products.

By test type, the LAL test segment held the largest market share in 2022, accounting for more than half of the global pyrogen testing market revenue and is estimated to maintain its leadership status throughout the forecast period. This is attributed to technological advancements in LAL testing methodologies, including the development of kinetic turbidimetric and chromogenic assays, have enhanced the efficiency and accuracy of pyrogen detection.

By end user, the pharmaceutical and biotechnology companies segment accounted for the largest share in 2022, contributing to more than half of the global pyrogen testing market revenue, and is projected to maintain its lead position during the forecast period. This is attributed to the growth of the biopharmaceutical sector, which includes the development of complex drugs such as monoclonal antibodies, vaccines, and cell therapies led to rise in demand for advanced and precise pyrogen testing methodologies.

By region, North America held the largest market share in terms of revenue in 2022, accounting for more than two-fifths of the global pyrogen testing market revenue and is likely to dominate the market during the forecast period. This is attributed to its well-developed healthcare infrastructure, technological advancements in testing methodologies, pharmaceutical innovation and research and development activities have led to an increased demand for pyrogen testing.

However, the Asia-Pacific region is expected to witness the fastest CAGR of 9.4% from 2023 to

2032. This is attributed to expanding pharmaceutical and biotechnology sectors, the rise of contract manufacturing & research activities, and increased healthcare investments.

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- Which are the driving factors responsible for the growth of market?
- Which are the roadblock factors of this market?
- What are the new opportunities, by which market will grow in coming years?
- What are the trends of this market?
- Which are main factors responsible for new product launch?
- How big is the global & regional market in terms of revenue, sales and production?
- How far will the market grow in forecast period in terms of revenue, sales and production?
- Which region is dominating the global market and what are the market shares of each region in the overall market in 2022?
- How will each segment grow over the forecast period and how much revenue will these segments account for in 2030?
- Which region has more opportunities?

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- North America
(U.S., Canada, Mexico)
- Europe
(Germany, France, UK, Italy, Spain, Rest of Europe)
- Asia-Pacific
(Japan, China, India, Rest of Asia-Pacific)
- LAMEA
(Brazil, Saudi Arabia, South Africa, Rest of LAMEA)

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business insights and consulting to assist its clients to make strategic business decisions and achieve sustainable growth in their respective market domain.

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