

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

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