

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

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