

# Virus Filtration - Global Market Outlook (2017-2023)

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## Abstracts

According to Statistics MRC, the Virus Filtration Market is accounted for \$2.22 billion in 2016 and expected to grow at a CAGR of 13.7% to reach \$5.46 billion by 2023. Factors like stipulation for biological products, increasing investment in R&D, prevalence of chronic diseases, presence of a large genome pool are boosting the market growth. However, intense competition among vendors and stringent regulations for validation of filtration products are restraining the market growth. Increasing pharmaceutical outsourcing and adoption of single-use technologies will provide ample growth opportunity.

Based on technology, advances in filtration technology are having the biggest impact on viral clearance. The newer generation virus filters have higher fluxes, larger product capacities, and increased virus removal capabilities, with some also offering steam-in-place (SIP) capabilities, which enable their use in closed processes. Filter sterilization of production media using nanofilters is one possible measure taken by companies. FDA and the European Medicines Agency have adopted guidelines for viral safety in relation to biologics.

Based on Application, Biologic products are at risk from chemical impurities, bacteria and fungi, and from viruses. Biopharmaceuticals manufacturers are required to create products that are safe for use in humans. This approach is required for therapies, such as monoclonal antibodies, blood products, recombinant products, tissue-derived materials and some medical devices, where risk assessments identify a gap in the viral safety. The prevalence of diabetes and new cancer cases leads to development of therapeutics, thus introducing new viral clearance products.

North America dominated the market during the forecast period. As many established biotechnology and biopharmaceutical industry has spiked the demand for viral filtration products in this region. However, Asia Pacific is projected to grow at highest CAGR

during the forecast period due to presence of untapped growth opportunities in the China, India, and Indonesia.

Some of the key players in Global Virus Filtration market are Charles River Laboratories International, Inc., Sigma-Aldrich Corporation, WuXiPharmaTech (Cayman) Inc., Sartorius AG, Pall Corporation, Lonza Group Ltd., Merck KGaA, Asahi Kasei Medical Co., Ltd., Danaher, GE Healthcare Life Sciences, Thermo Fisher Scientific Inc. and Pall Corporation.

#### Technologies Covered:

Chromatography

Filtration

#### Products Covered:

Instruments

Services

Consumables

#### End Users Covered:

Academic Institutes & Research Laboratories

Medical Devices Companies

Biopharmaceutical & Biotechnology Companies

Contract Research Organizations

#### Applications Covered:

Air Purification

Water Purification

Biologicals

Medical Devices

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

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