

Global Antibody Production Market: Size, Trend, Share, Opportunity Analysis & Forecast, 2014–2025

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Abstracts

Antibodies, also known as immunoglobulins, are proteins that are mainly produced by plasma cells. Antibody production is done by injecting foreign molecules into the host body. These foreign molecules are called antigens and their molecular recognition by the immune system results in selective production of antibodies that are able to bind the specific antigen. The global antibody production market is expected to grow at a CAGR of 12.9% from 2017 to 2025.

The global antibody production market is divided on the basis of technology, end-user, and geography. Based on technology, the market is segmented as filtration, upstream processing, and downstream processing. Based on end-user, the antibody production market is segmented as research institutes, pharmaceutical and biotechnology companies, and diagnostic laboratories. Geographic breakdown and deep analysis of each of the aforesaid segments is included for North America, Europe, Asia-Pacific, and LAMEA.

MARKET DYNAMICS:

Drivers:

Increasing funding from government and private organizations for research

Increase in the incidence of diseases such as cancer, diabetes, and other chronic disorders.

Increasing acceptance of Targeted Immunotherapy

Restraints:

High cost involved in the production of antibody

MARKET PLAYERS:

The top players in the global antibody production market include GE Healthcare, FiberCell Systems Inc., Thermo Fisher Scientific, Inc., Integra Biosciences AG, Sartorius AG, Cellab GmbH, Merck & Co., Inc., Eppendorf AG, Sigma-Aldrich Corporation, and Pall Corporation.

KEY TAKEAWAYS

MARKET LANDSCAPE

By Technology

Filtration

Filtration Systems

Filtration Consumables and Accessories

Upstream Processing

Bioreactors

Large-Scale Bioreactors

Single-Use Bioreactors

Consumables

Media

Buffers and Reagents

Downstream Processing

Chromatography Systems

Chromatography Resins

By End User

Pharmaceutical and Biotechnology Companies

Research Institutes

Diagnostic Laboratories

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

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