

Global Markets for Media, Sera and Reagents in Biotechnology

Market Research Report | 2025-03-18 | 152 pages | BCC Research

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Report description:

Description

Report Scope

This report highlights current and future market potential for media, sera and reagents in biotechnology. It provides a detailed analysis of the market drivers, restraints and opportunities. The report includes detailed information on emerging technologies, patent analysis, ESG development, investment outlook and deals. The report also covers market projections through 2029 and presents a competitive landscape. The report provides market estimates and forecasts based on product type, end user and region. The market is segmented by product type into reagents, media and sera. The reagents market is segmented into reagents: biological response modifiers, cell dissociation reagents and others (amino acids, antibiotics, etc.). Market analysis in the media segment is divided into specialty and classical media based on composition. The media are divided into powdered and ready-to-use liquid media based on formulation. Based on serum components, media are segmented into serum-free and serum-requiring media. The market for sera is segmented based on the source of serum into fetal bovine serum and other sera, including from animal sources such as goats, porcine, rabbits, etc. By end user, the market is segmented into biopharmaceutical companies, academic research institutes, contract research organizations and others. The report includes profiles of the key companies with detailed information about their business segments, financials, product portfolios and recent developments. The market is segregated by geographical region into North America, Europe, Asia-Pacific and the Rest of the World. The North American region includes the U.S., Canada and Mexico. Europe includes Germany, the U.K., Italy, France, Spain and the Rest of Europe; Asia-Pacific includes China, Japan, India, South Korea and the Rest of Asia-Pacific. For market estimates, data is provided for 2021 and 2022 as the historical years, 2023 as the base year and 2029 as the forecast year.

Report Includes

- 87 data tables and 55 additional tables
- An analysis of the global market for media, sera and reagents in the biotech industry
- Analyses of the global market trends, with sales data for 2021-2023, estimates for 2024, and projections of compound annual growth rates (CAGRs) through 2029

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- Evaluation of the overall market size for media, sera and reagents and their corresponding market share analysis by product type, end use and region
- Discussion of the market potential, and forecasts for the market's segments and sub-segments
- In-depth information concerning market drivers, opportunities, challenges and other demographic and economic factors that will drive demand for media, sera and reagents
- Review of the current market status, key technology issues, industry value chain, Porter's Five Forces, competitive landscape and R&D activity
- A discussion of the industry's ESG challenges and practices
- Market share analysis of the key companies in the industry and coverage of their proprietary technologies, strategic alliances, and other market strategies
- Profiles of the leading companies

Executive Summary

Summary:

The global market for media, sera and reagents in biotechnology is expected to grow from \$6.3 billion in 2024 and is projected to reach \$9.3 billion by the end of 2029, at a compound annual growth rate (CAGR) of 8.1% during the forecast period of 2024 to 2029.

Cell culture technology has transformed the understanding of cellular behavior, disease mechanisms and therapeutic methods. Cell culture technology has made significant progress in science and medicine from its beginning in the late nineteenth century to the present. It has advanced from serum-free medium to organ-on-chip development, broadening its applicability in many domains, including regenerative medicine, disease modeling, drug discovery and cancer research. Thus, cell culture plays a crucial role in the biopharmaceutical sector, which is dedicated to creating novel treatments.

The biopharmaceutical industry has been witnessing tremendous growth recently due to the increasing demand for innovative therapies such as monoclonal antibodies, cell and gene therapies, vaccines and others. The demand for these therapies is due to various factors, such as the increasing prevalence of chronic diseases, rising healthcare expenditures, increasing awareness and novel product launches. The growing demand for cell cultures from the biopharmaceutical industry, coupled with rising R&D activities in stem cells and regenerative medicines, augments global market growth for cell culture media, sera and reagents.

Table of Contents:

- Table of Contents
- Chapter 1 Executive Summary
- Market Outlook
- Scope of Report
- Market Insights
- Chapter 2 Market Overview
- Introduction
- Types of Cell Culture
- Primary Culture
- Secondary Culture
- Basic Components of Culture Media
- Buffering Systems
- Phenol Red
- Inorganic Salts

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Amino Acids
Carbohydrates
Proteins and Peptides
Fatty Acids and Lipids
Vitamins
Trace Elements
Media Supplements
Antibiotics
Serum
Cell Culture Applications
Chapter 3 Market Dynamics
Market Dynamics Snapshot
Market Drivers
Rising Investments in Biopharmaceuticals
Increasing Demand for Personalized Medicines
Technological Advances
Rising Aging Population and the Growing Prevalence of Chronic Diseases
Market Restraints
Ethical Issues and Regulatory Constraints
Lack of Skilled Professionals and High Cost of Biopharmaceutical Development
Market Opportunities
Rising Demand for 3D Cell Cultures
Rising Demand for Biopharmaceuticals in Emerging Countries
Chapter 4 Emerging Technologies
Introduction
Emerging Technologies
Application of AI/ML in Cell Culture
Single Use Technologies
Patent Analysis
Cell Culture Media
Cell Culture Reagents
Chapter 5 Regulatory Scenario
Regulatory Landscape in the Global Market
Cell Culture Media
Sera
Chapter 6 Market Segmentation Analysis
Global Market Insights
Segmentation Breakdown
Market Analysis by Product Type
Reagents
Media
Sera
Market Analysis by End User
Biopharmaceutical Companies
Academic Research Institutes
Contract Manufacturing and Development Organizations (CDMOs/CROs)
Other End Users

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Geographic Breakdown
Market Analysis by Region
North America
Europe
Asia-Pacific
Rest of the World (RoW)
Chapter 7 Competitive Intelligence
Overview
Market Rankings Analysis
Strategic Initiatives
M&A Activities
Investments and Expansions
Product Introductions
Chapter 8 Sustainability in the Media, Sera and Reagents in Biotechnology Market: An ESG Perspective
Introduction to ESG
ESG Sustainability Trends and Initiatives
Environmental Initiatives
Social and Governance Initiatives
Governance Initiatives
ESG Risk Ratings Analysis
Concluding Remarks from BCC
Chapter 9 Appendix
Methodology
Sources
Abbreviations
Company Profiles
ATCC
BD
BIO-TECHNE
BIOWEST
CORNING INC.
DANAHER CORP.
FUJIFILM IRVINE SCIENTIFIC
LONZA
MERCK KGAA
MILTENYI BIOTEC
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