

Global Serum-free Media Market Size study & Forecast, by Product (CHO Media, HEK 293 Media, BHK Media, Vero Medium, Stem Cell Medium, Other Serum-free Media), by Application (Biopharmaceutical Production, Monoclonal Antibodies, Vaccines Production, Tissue Engineering & Regenerative Medicine, Other Therapeutic Proteins), by Type (Liquid Media, Semi-Solid & Solid Media), by End-User (Pharmaceutical & Biotechnology Companies, Research & Academic Institutes, Other End-Users) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G03009B70035EN.html>

Date: August 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G03009B70035EN

Abstracts

Global Serum-free Media Market is valued approximately at USD 1.46 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 13.03% over the forecast period 2023-2030. Serum-free media contains proper ratios of nutrients and hormones because they don't require animal serum for cell growth. Serum-free media for cell culture has a number of advantages, including increased productivity and consistency as well as easier purification and downstream processing. In addition, serum-free media formulations can contain combinations of selective growth agents for specific cell types. Serum-free medium formulations are available for many primary cultures and cell lines, including hybridoma cell lines, Chinese hamster ovary (CHO) lines that produce recombinant proteins, and cell lines that act as hosts for virus production (e.g., 293, VERO, MDCK, MDBK). The market growth of serum-free media is driven by factors such as rising focus on cell-based therapeutics, growing production of new biopharmaceuticals and large scale manufacturing with CHO cells in cell culture.

According to Statista, the global cell culture market reached around USD 19.2 billion in 2022 and it is expected that by 2030, the market would be worth more than USD 33 billion, with a CAGR of 7.2%. More FDA approvals, clinical trials, and strategic initiatives such as collaborations by the key market players is expanding the market. Moreover, increasing funding in stem cell research and rising awareness of media-based diagnostic testing may create abundant opportunities for the market in the forecast years. In September 2021, the California Institute for Regenerative Medicine awarded Stanford physician-researchers almost USD 31.0 million to begin the first-in-human stem cell clinical trials for the treatment of heart failure, stroke, and a specific form of spinal cord and brain tumor. However, the high cost of production process and high research and Development costs may stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Serum-free Media Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share due to the existence of a strong R&D infrastructure and a supportive regulatory environment, both of which are quickly changing to accommodate the sector's continual scientific advancement. For instance, in November 2022, FUJIFILM Holdings Corporation invested USD 188.0 million in Research Triangle Park (RTP), North Carolina, to construct a manufacturing plant for serum-free media. However, Asia Pacific is expected to be the fastest growing region during the forecast period, due to more R&D and clinical trial programs for chronic and serious illnesses every year.

Major market player included in this report are:

Sartorius AG
FUJIFILM Holdings Corporation
Lonza Group AG
STEMCELL Technologies
PromoCell GmbH
Thermo Fisher Scientific Inc.
Corning Incorporated
FUJIFILM Irvine Scientific
Athena Environmental Sciences
Sartorius CellGenix

Recent Developments in the Market:

In November 2022, BioPharma Dynamics expanded their product range for the Gene &

Cell Therapy sector to offer a range of serum-free and chemically specified cell medium solutions. The selection of cell media products comprises cell cryopreservation solutions, stem cell media, and immune cell media, all of which are appropriate for cell therapy applications.

In August 2022, Thermo Fisher Scientific Inc. expanded the cell culture media manufacturing plant in Grand Island, New York in order to enable the production of fresh vaccines and biologics.

In July 2022, Moderna, Inc. and Thermo Fisher Scientific Inc. entered a 15-year strategic collaboration agreement in order to facilitate the dedicated large-scale manufacturing of Spikevax, Moderna's COVID-19 vaccine, and other investigational mRNA therapies in its pipelines in the United States.

Global Serum-free Media 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, Application, 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:

CHO Media

HEK 293 Media

BHK Media

Vero Media
Stem Cell Media
Other Serum-free Media

By Application:
Biopharmaceutical Production
Monoclonal Antibodies
Vaccines Production
Tissue Engineering & Regenerative Medicine
Other Therapeutic Proteins
By Type:
Liquid Media
Semi-solid & Solid Media

By End-User:
Pharmaceutical & Biotechnology Companies
Research & Academic Institutes
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

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Serum-free Media Market, by region, 2020-2030 (USD Billion)
 - 1.2.2. Serum-free Media Market, by Product, 2020-2030 (USD Billion)
 - 1.2.3. Serum-free Media Market, by Application, 2020-2030 (USD Billion)
 - 1.2.4. Serum-free Media Market, by Type, 2020-2030 (USD Billion)
 - 1.2.5. Serum-free Media Market, by End-User, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL SERUM-FREE MEDIA MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL SERUM-FREE MEDIA MARKET DYNAMICS

- 3.1. Serum-free Media Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising focus on cell-based therapeutics
 - 3.1.1.2. Growing production of new biopharmaceuticals
 - 3.1.1.3. Large Scale Manufacturing with cell culture
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of Production Process
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing funding in stem cell research
 - 3.1.3.2. Rising awareness of media-based testing of diagnostic

CHAPTER 4. GLOBAL SERUM-FREE MEDIA MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economic
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL SERUM-FREE MEDIA MARKET, BY PRODUCT

- 5.1. Market Snapshot
- 5.2. Global Serum-free Media Market by Product, Performance - Potential Analysis
- 5.3. Global Serum-free Media Market Estimates & Forecasts by Product 2020-2030 (USD Billion)
- 5.4. Serum-free Media Market, Sub Segment Analysis
 - 5.4.1. CHO Media
 - 5.4.2. HEK 293 Media
 - 5.4.3. BHK Media
 - 5.4.4. Vero Medium
 - 5.4.5. Stem Cell Medium
 - 5.4.6. Other Serum-free Media

CHAPTER 6. GLOBAL SERUM-FREE MEDIA MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Serum-free Media Market by Application, Performance - Potential Analysis

6.3. Global Serum-free Media Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

6.4. Serum-free Media Market, Sub Segment Analysis

6.4.1. Biopharmaceutical Production

6.4.2. Monoclonal Antibodies

6.4.3. Vaccines Production

6.4.4. Tissue Engineering & Regenerative Medicine

6.4.5. Other Therapeutic Proteins

CHAPTER 7. GLOBAL SERUM-FREE MEDIA MARKET, BY TYPE

7.1. Market Snapshot

7.2. Global Serum-free Media Market by Type, Performance - Potential Analysis

7.3. Global Serum-free Media Market Estimates & Forecasts by Type 2020-2030 (USD Billion)

7.4. Serum-free Media Market, Sub Segment Analysis

7.4.1. Liquid Media

7.4.2. Semi-solid & Solid Media

CHAPTER 8. GLOBAL SERUM-FREE MEDIA MARKET, BY END-USER

8.1. Market Snapshot

8.2. Global Serum-free Media Market by End-User, Performance - Potential Analysis

8.3. Global Serum-free Media Market Estimates & Forecasts by End-User 2020-2030 (USD Billion)

8.4. Serum-free Media Market, Sub Segment Analysis

8.4.1. Pharmaceutical & Biotechnology Companies

8.4.2. Research & Academic Institutes

8.4.3. Other End-Users

CHAPTER 9. GLOBAL SERUM-FREE MEDIA MARKET, REGIONAL ANALYSIS

9.1. Top Leading Countries

9.2. Top Emerging Countries

9.3. Serum-free Media Market, Regional Market Snapshot

9.4. North America Serum-free Media Market

9.4.1. U.S. Serum-free Media Market

9.4.1.1. Product breakdown estimates & forecasts, 2020-2030

9.4.1.2. Application breakdown estimates & forecasts, 2020-2030

- 9.4.1.3. Type breakdown estimates & forecasts, 2020-2030
- 9.4.1.4. End-User breakdown estimates & forecasts, 2020-2030
- 9.4.2. Canada Serum-free Media Market
- 9.5. Europe Serum-free Media Market Snapshot
 - 9.5.1. U.K. Serum-free Media Market
 - 9.5.2. Germany Serum-free Media Market
 - 9.5.3. France Serum-free Media Market
 - 9.5.4. Spain Serum-free Media Market
 - 9.5.5. Italy Serum-free Media Market
 - 9.5.6. Rest of Europe Serum-free Media Market
- 9.6. Asia-Pacific Serum-free Media Market Snapshot
 - 9.6.1. China Serum-free Media Market
 - 9.6.2. India Serum-free Media Market
 - 9.6.3. Japan Serum-free Media Market
 - 9.6.4. Australia Serum-free Media Market
 - 9.6.5. South Korea Serum-free Media Market
 - 9.6.6. Rest of Asia Pacific Serum-free Media Market
- 9.7. Latin America Serum-free Media Market Snapshot
 - 9.7.1. Brazil Serum-free Media Market
 - 9.7.2. Mexico Serum-free Media Market
- 9.8. Middle East & Africa Serum-free Media Market
 - 9.8.1. Saudi Arabia Serum-free Media Market
 - 9.8.2. South Africa Serum-free Media Market
 - 9.8.3. Rest of Middle East & Africa Serum-free Media Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Key Company SWOT Analysis
 - 10.1.1. Company
 - 10.1.2. Company
 - 10.1.3. Company
- 10.2. Top Market Strategies
- 10.3. Company Profiles
 - 10.3.1. Sartorius AG
 - 10.3.1.1. Key Information
 - 10.3.1.2. Overview
 - 10.3.1.3. Financial (Subject to Data Availability)
 - 10.3.1.4. Product Summary
 - 10.3.1.5. Recent Developments

- 10.3.2. FUJIFILM Holdings Corporation
- 10.3.3. Lonza Group AG
- 10.3.4. STEMCELL Technologies
- 10.3.5. PromoCell GmbH
- 10.3.6. Thermo Fisher Scientific Inc.
- 10.3.7. Corning Incorporated
- 10.3.8. FUJIFILM Irvine Scientific
- 10.3.9. Athena Environmental Sciences
- 10.3.10. Sartorius CellGenix

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process

- 11.1.1. Data Mining
- 11.1.2. Analysis
- 11.1.3. Market Estimation
- 11.1.4. Validation
- 11.1.5. Publishing

11.2. Research Attributes

11.3. Research Assumption

12. List of Tables

TABLE 1. Global Serum-free Media Market, report scope

TABLE 2. Global Serum-free Media Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Serum-free Media Market estimates & forecasts by Product 2020-2030 (USD Billion)

TABLE 4. Global Serum-free Media Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 5. Global Serum-free Media Market estimates & forecasts by Type 2020-2030 (USD Billion)

TABLE 6. Global Serum-free Media Market estimates & forecasts by End-User 2020-2030 (USD Billion)

TABLE 7. Global Serum-free Media Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Serum-free Media Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Serum-free Media Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Serum-free Media Market by region, estimates & forecasts,

2020-2030 (USD Billion)

TABLE 11. Global Serum-free Media Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Serum-free Media Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Serum-free Media Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Serum-free Media Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. Global Serum-free Media Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. Global Serum-free Media Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 18. U.S. Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. U.S. Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 21. Canada Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. Canada Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 24. UK Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. UK Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 27. Germany Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. Germany Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 30. France Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 31. France Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 32. Italy Serum-free Media Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 33. Italy Serum-free Media Market estimates & forecasts by segment 2020-2030
(USD Billion)

TABLE 34. Italy Serum-free Media Market estimates & forecasts by segment 2020-2030
(USD Billion)

TABLE 35. Spain Serum-free Media Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 36. Spain Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 37. Spain Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 38. RoE Serum-free Media Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 39. RoE Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 40. RoE Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 41. China Serum-free Media Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 42. China Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 43. China Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 44. India Serum-free Media Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 45. India Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 46. India Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 47. Japan Serum-free Media Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 48. Japan Serum-free Media Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 49. Japan Serum-free Media Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 50. South Korea Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 51. South Korea Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. South Korea Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 54. Australia Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. Australia Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 57. RoAPAC Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. RoAPAC Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 60. Brazil Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Brazil Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 63. Mexico Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. Mexico Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 66. RoLA Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. RoLA Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. Saudi Arabia Serum-free Media Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 69. South Africa Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. RoMEA Serum-free Media Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 71. 12. List of secondary sources, used in the study of global Serum-free Media Market

TABLE 72. 12. List of primary sources, used in the study of global Serum-free Media Market

TABLE 73. Years considered for the study

TABLE 74. Exchange rates considered

12. List of tables and figures and dummy in nature, final lists may vary in the final deliverable

12. List of figures

FIG 1. Global Serum-free Media Market, research methodology

FIG 2. Global Serum-free Media Market, Market estimation techniques

FIG 3. Global Market size estimates & forecast methods

FIG 4. Global Serum-free Media Market, key trends 2022

FIG 5. Global Serum-free Media Market, growth prospects 2023-2030

FIG 6. Global Serum-free Media Market, porters 5 force model

FIG 7. Global Serum-free Media Market, pest analysis

FIG 8. Global Serum-free Media Market, value chain analysis

FIG 9. Global Serum-free Media Market by segment, 2020 & 2030 (USD Billion)

FIG 10. Global Serum-free Media Market by segment, 2020 & 2030 (USD Billion)

FIG 11. Global Serum-free Media Market by segment, 2020 & 2030 (USD Billion)

FIG 12. Global Serum-free Media Market by segment, 2020 & 2030 (USD Billion)

FIG 13. Global Serum-free Media Market by segment, 2020 & 2030 (USD Billion)

FIG 14. Global Serum-free Media Market, regional snapshot 2020 & 2030

FIG 15. North America Serum-free Media Market 2020 & 2030 (USD Billion)

FIG 16. Europe Serum-free Media Market 2020 & 2030 (USD Billion)

FIG 17. Asia pacific Serum-free Media Market 2020 & 2030 (USD Billion)

FIG 18. Latin America Serum-free Media Market 2020 & 2030 (USD Billion)

FIG 19. Middle East & Africa Serum-free Media Market 2020 & 2030 (USD Billion)

12. List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Serum-free Media Market Size study & Forecast, by Product (CHO Media, HEK 293 Media, BHK Media, Vero Medium, Stem Cell Medium, Other Serum-free Media), by Application (Biopharmaceutical Production, Monoclonal Antibodies, Vaccines Production, Tissue Engineering & Regenerative Medicine, Other Therapeutic Proteins), by Type (Liquid Media, Semi-Solid & Solid Media), by End-User (Pharmaceutical & Biotechnology Companies, Research & Academic Institutes, Other End-Users) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G03009B70035EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G03009B70035EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970