

Cell Culture Media Market by Type (Serum-free (CHO, BHK, Vero Cell), Stem Cell, Chemically Defined, Classical, Specialty), Application (Biopharmaceutical (mAbs, Vaccine), Diagnostics, Tissue Engineering), End User (Pharma, Biotech) & Region - Global Forecast to 2028

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Abstracts

The global cell culture media market is projected to reach USD 13.0 billion by 2028 from USD 6.2 billion in 2023, at a CAGR of 16.0% during the forecast period. Rising demand for mAbs & biosimilars, increased adoption of serum-free media are some of the major factors projecting the market growth. Increased adoption of cell-based vaccines coupled with rise in investment by key market players in launch of novel products in the market are some of the major elements anticipated to drive the market growth in coming years.

“By type, the serum-free media segment is projected to grow at significant CAGR during the forecast period”

In 2022, the serum-free media segment accounted for the largest share of the market. Serum-free media has been developed as an alternative to serum-containing media to provide a more controlled and defined environment for cell culture. These media are usually composed of a basal medium supplemented with defined concentrations of growth factors, hormones, vitamins, minerals, and other nutrients necessary for cell growth and proliferation. Due to various advantages there has been increased demand for serum-free media among end users, this factor is impacting the segmental growth.

“Asia Pacific: The fastest-growing region in the cell culture media market”

The cell culture media market is segmented into North America, Europe, Asia Pacific, Latin America (LATAM) and Middle East and Africa (MEA). The Asia Pacific market is expected to register the highest CAGR of 17.5% during the forecast period. Favorable regulatory support and guidelines for the cell culture-based vaccine production, moderate manufacturing costs of vaccines and emphasis on geographical expansion by key market players in the region are some of the major factors anticipated to project the growth of the Asia Pacific region at faster pace.

A breakdown of the primary participants referred to for this report is provided below:

By Respondent: Supply Side- 80% and Demand Side 20%

By Designation: Managers- 45%, CXOs and Directors - 30%, and Executives - 25%

By Region: North America -20%, Europe -10%, Asia-Pacific -55%, Latin America -10%, Middle East & Africa- 5%

The prominent players in the global cell culture media market are Thermo Fisher Scientific, Inc. (US), Merck KGaA (Germany), Danaher Corporation (US), Sartorius AG (Germany), Corning Incorporated (US), FUJIFILM Irvine Scientific, Inc. (Japan), Lonza Group AG (Switzerland), Becton, Dickinson and Company (US), Miltenyi Biotec (Germany), HiMedia Laboratories Pvt. Ltd. (India), STEMCELL Technologies Inc. (Canada), Biologos LLC (US), Cell Applications, Inc. (US), Caisson Laboratories Inc. (US), PromoCell GmbH (Germany), Cell Biologics, Inc. (US), InvivoGen (France), PAN-Biotech GmbH (Germany), Cellular Technology Limited, LLC (US), ZenBio, Inc. (US), Athena Environmental Sciences, Inc. (US), Cyagen Biosciences (US), Biowest SAS (France), WELGENE Inc.(South Korea), KCell Biosciences (South Korea), and Akron Biotech (US). Research Coverage: The report analyzes the cell culture media market and aims to estimate the market size and future growth potential. The report also includes an in-depth competitive analysis of the key players in this market, along with their company profiles, product offerings, and recent developments.

Reasons to Buy the Report

The report will help market leaders/new entrants by providing them with the closest approximations of the revenue numbers for the overall cell culture media market and its subsegments. It will also help stakeholders better understand the competitive landscape

and gain more insights to better position their business and make suitable go-to-market strategies. This report will enable stakeholders to understand the market's pulse and provide them with information on the key market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Analysis of key drivers (R&D spending in pharmaceutical companies, emerging cell culture technologies for cell-based vaccines, increasing demand for monoclonal antibodies and biosimilars, growth in stem cell research, the launch of new cell culture media by market players, increasing demand for serum and animal component-free media and the growing focus on personalized medicine), restraints (Expensive cell biology research products, ethical concerns regarding cell biology research), opportunities (Advancing in 3D cell cultures), and challenges (Survival of small players and new entrants) influencing the growth of the cell culture media market

Product Development/Innovation: Detailed insights on upcoming trends, research & development activities, and new product launches in the cell culture media Market

Market Development: Comprehensive information about lucrative markets – the report analyses the cell culture media market across varied regions

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the cell culture media market

Competitive Assessment: In-depth assessment of market shares, growth strategies and product offerings of leading players like Thermo Fisher Scientific, Inc. (US), Merck KGaA (Germany), Danaher Corporation (US), Sartorius AG (Germany), Corning Incorporated (US), FUJIFILM Irvine Scientific, Inc. (Japan), Lonza Group AG (Switzerland), Becton, Dickinson and Company (US), Miltenyi Biotec (Germany), HiMedia Laboratories Pvt. Ltd. (India), STEMCELL Technologies Inc. (Canada), Biologos LLC (US).

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