

# **Cell and Tissue Culture Supplies Market (By Type: Consumable Products, and Instruments; By Application: Vaccine Production, Biopharmaceutical Production, Toxicity Testing, Gene Therapy, Drug Screening & Development, Cancer Research; By Geography: North America, Europe, Asia-Pacific and RoW) Global Scenario, Market Size, Outlook, Trend and Forecast, 2015-2024**

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## **Abstracts**

Global Cell and Tissue Culture Supplies Market is estimated to reach \$36,744 million by 2024; growing at a CAGR of 9.4% from 2016 to 2024. Cell culture is transferring of a tissue of a plant or animal to an artificially controlled environment. Cell culture is being widely used in life science research and delivers excellent model system for studying the various characteristics of cells. A cell culture lab involves several assortments of equipment and supplies for growing and monitoring the cultures. Cell and tissue culture is widely used for applications comprising of drug screening, pharmaceutical development, biological research and manufacturing biological compound on a large scale.

The factors boosting the growth of the global cell and tissue culture market are increasing R&D investments for cell-based research and tissue engineering, rising incidences of chronic diseases, and increasing need for serum and vaccines. Rising applications of cell & tissue culture and growing demand for artificial organs also supports the growth of the market. Though, possibility to misuse animals and complication involving the cell culture techniques may hamper the growth of the market. Moreover, outsourcing of research and personalized media solutions could provide

several growth opportunities in years to come.

The global cell and tissue culture supplies market is categorized into type, application, and geography. The type segment is bifurcated into consumable products (media (serum free media, classical media, specialty media, lysogeny broth, chemically defined media, and protein free media), reagent (protease inhibitors, growth factors & cytokines, thrombin, albumin, amino acids, and others), sera (fetal bovine serum and others), contamination detection kits, cryoprotective agents) and instruments (culture systems (tissue culture flasks, multiple well plates, roller bottles, bioreactors, culture bags and culture dishes), incubators, biosafety cabinets, cryostorage equipment, roller bottle equipment, pipetting instruments and others). Furthermore, applications are categorized into vaccine production, biopharmaceutical production, toxicity testing, gene therapy, drug screening & development, cancer research and others.

By geography, the market has been bifurcated into North America, Europe, Asia-Pacific, and Rest of the World (RoW). The U.S., Canada, Mexico are covered under North America wherein Europe covers UK, Germany, France Italy, and others. Asia-Pacific covers China, Japan, India, South Korea, and others. RoW covers South America, Middle East, and Africa.

The key players considered in this market are Thermo Fisher Scientific, Inc., Wheaton Industries, Inc., STEMCELL Technologies Inc., Promocell GmbH, VWR International, Eppendorf AG, Corning, Inc., Merck KGaA, Lonza Group AG, and GE Healthcare, among others.

The key takeaways from the report

The report will provide a detailed analysis of Global Cell and Tissue Culture Supplies Market with respect to major segments such as type, and application

The report will include the qualitative and quantitative analysis with market estimation over 2015-2024 and compound annual growth rate (CAGR) between 2016 and 2024

Comprehensive analysis of market dynamics including factors and opportunities will be provided in the report

An exhaustive regional analysis of Global Cell and Tissue Culture Supplies Market from 2015 to 2024 will be included in the report

Profile of the key players in the Global Cell and Tissue Culture Supplies Market will be provided, which include key financials, product & services, new developments and business strategies

## Scope of the Global Cell and Tissue Culture Supplies Market

### Type Segments

Consumable Products

Media

Serum Free Media

Classical Media

Specialty Media

Lysogeny Broth

Chemically Defined Media

Protein Free Media

Reagent

Protease Inhibitors

Growth Factors & Cytokines

Thrombin

Albumin

Amino Acids

Others

Sera

Fetal Bovine Serum

Others

Contamination Detection Kits

Cryoprotective Agents

Instruments

Culture Systems

Tissue Culture Flasks

Multiple Well Plates

Roller Bottles

Bioreactors

Culture Bags

Culture Dishes

Incubators

Biosafety Cabinets

Cryostorage Equipment

Roller Bottle Equipment

Pipetting Instruments

Others

## Application Segments

Vaccine Production

Biopharmaceutical Production

Toxicity Testing

Gene Therapy

Drug Screening & Development

Cancer Research

Others

## Geography Segments

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Other

Asia-Pacific

China

Japan

India

South Korea

Others

RoW

South America

Middle East

Africa

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