

# **Global Primary Cell Culture Market Size study, by Product (Primary Cells, Reagents and Supplements, Media), Cell Type (Animal Cells, Human Cells), Separation Method (Explant Method, Enzymatic Degradation, Mechanical Separation, Others) Application (Tissue Culture & Tissue Engineering, Vaccine Production, Gene Therapy and Regenerative Medicine, Toxicity Testing and Drug Screening, Cancer Research, Model System, Virology, Prenatal Diagnosis, Stem Cell Therapy, Others) and Regional Forecasts 2020-2027**

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## **Abstracts**

Global Primary Cell Culture Market is valued approximately USD 3.05 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 11.06 % over the forecast period 2020-2027. Cell culture is the method of extracting cells from an animal or plant source and growing them under controlled conditions. Furthermore, this artificial environment contains nutrients that are essential for cell growth and proliferation, such as ideal temperature, gases, pH, and humidity which also helps researchers to study about properties of cells and micro biology. Factors such as increasing cancer cases, cardiovascular diseases, advancements in genetic research process, growing investment in research and development are factors that has led the adoption of primary cell culture across the forecast period. For instance, as per WHO, in 2020, Chronic hepatitis C infection affected 71.0 million people worldwide. According to National Cancer Institute, in January 2019, the number of cancer survivors in the United States was projected to be 16.9 million. By 2030, the number of cancer survivors is expected to

rise to 22.2 million. However, high capital for investments and lack of expertise may impede the growth of the market over the forecast period of 2020-2027. Also, with the increasing research and demand for stem cell therapy and emergence of various chronic diseases, the adoption & demand for primary cell culture is likely to increase the market growth during the forecast period.

The regional analysis of global Primary Cell Culture market is based on the key regions such as North America, Latin America, Europe, Asia Pacific, and Rest of the World. In terms of market share, Europe is the leading region across the world due to the growth in geriatric population & affordability of urgent care services as well as the well-established healthcare infrastructure. Also, the highest growth rate is expected from the Asia Pacific region over the forecast period 2020-2027. Factors such as increasing disposable income, growing incidences of injuries and improving healthcare infrastructure are contributing to the market growth across Asia-Pacific region.

Major market player included in this report are:

Thermo Fisher Scientific, Inc.

Lonza

Merck

Corning Incorporated

Danaher

PromoCell GmbH

ATCC

FUJIFILM Irvine Scientific, Inc.

MatTek

Axol Bioscience Ltd

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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

Primary Cells

Reagents and Supplements

## Media

### by Cell Type

Animal Cells

Human Cells

### by Separation Method

Explant Method

Enzymatic Degradation

Mechanical Separation

Others

### by Application

Tissue Culture & Tissue Engineering

Vaccine Production

Gene Therapy and Regenerative Medicine

Toxicity Testing and Drug Screening

Cancer Research

Model System

Virology

Prenatal Diagnosis

Stem Cell Therapy

Others

### 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  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018  
Base year – 2019  
Forecast period – 2020 to 2027

Target Audience of the Global Primary Cell Culture Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

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