

Global Cell Dissociation Market Size study & Forecast, by Type (Tissue dissociation, Cell Detachment), By Product Type (Enzymatic Dissociation Products, Non-Enzymatic Dissociation Products, Instruments & Accessories), By Tissue (Epithelial Tissue, Connective Tissue, Others), By End User (Biotechnology Companies, Pharmaceutical Companies, Academic and Research Institutes, Others), and Regional Analysis, 2022-2029

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Abstracts

Global Cell Dissociation Market is valued at approximately USD 282 million in 2021 and is anticipated to grow with a healthy growth rate of more than 14.7% over the forecast period 2022-2029. Cell dissociation is a procedure used in the laboratory to separate cells from tissue or other cells. A proteolytic enzyme is employed in this procedure, also referred as trypsinization, to break down proteins and remove cells from cell culture media. Cell dissociation is required for a multitude of scientific and therapeutic applications such as drug discovery and development, cell therapy and tissue engineering, need cell separation. Growing government funding for cell-based research, an increase in biopharmaceutical firms' R&D efforts, and a growing emphasis on personalized treatment, where cell dissociation plays a key part, are some of the drivers driving the market's expansion.

In addition, the growing concern for health among mass and the emergence of various diseases are being tackled by the contribution of governments to institutes for development. The American Administration for Health has nearly provided USD 3.7 Billion for research on all forms of cells and in the sector of life sciences. Also, the

Government of India's Department of Biotechnology has granted over USD 600 Thousand for cell-based research to institutes for Cellular and Molecular Biology and National Research. These contributions are leading to advancements in the technology for research and development which is likely to attract demand globally for cell dissociation products. Furthermore, the significant rise in investments in emerging economies for cell-based research is providing growth opportunities for players operating in the cell dissociation market. Also, there is a rise in R&D projects and the development of technologies for cell-based research. However, high costs are associated with cell dissociation and cell-based research which is restricting the market growth over the forecast period of 2022-2029.

The key regions considered for the Global Cell Dissociation Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America accounted for the largest share of the cell dissociation market, contributing to the increase in research in pharmaceutical and biotechnological industries. Whereas, Europe is also expected to grow at the highest growth rate over the forecasting period. Factors such as rising drug discovery, rising research and development activities for the development of tissue engineering and rising therapeutic applications are burgeoning the market growth in the forecasting years.

Major market players included in this report are:

Thermo Fisher Scientific Inc.

Merck KgaA

F. Hoffmann-La Roche AG

Becton, Dickinson and Company

STEMCELL Technologies Inc.

Miltenyi Biotec

GE Healthcare

Sartorius AG

Lonza Group AG

Danaher Corporation

Recent Developments in the Market:

In February 2023, Thermo Fisher Scientific and Celltario, a leading producer of robotics-based technology for the life sciences industry, announced an alliance to provide biotherapeutics customers with a completely automated cell culture system.

In March 2021, Roche Diagnostics and Gen Mark Diagnostics signed a legally binding merger agreement in order to have access to cutting-edge technologies for testing a variety of diseases in a single patient sample.

Global Cell Dissociation Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Product Type, Tissue, End User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

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 Type:

Tissue Dissociation

Cell Detachment

By Product Type:

Enzymatic Dissociation Products

Non-Enzymatic Dissociation Products

Instruments & Accessories

By Tissue:

Epithelial Tissue

Connective Tissue

Others

By End User:

Biotechnology Companies

Pharmaceutical Companies
Academic and Research Institutes
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

ROLA

Rest of the World

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