

Cell Culture Freezing Market - Global Outlook and Forecast 2022-2028

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Abstracts

Cell culture are prone to genetic drift, which are susceptible to microbial contamination. The microbial contamination can lead to experiment failure in laboratories. Beside the cell line are very valuable resource and replacing the cell line will be too costly and time consuming during the experimentation. The best method to store cell line with minimum cost is freezing. The freezing method will enable the long term storage of cell which can be utilized when required in the laboratories. When the small surplus are available for sub culturing, it should be frozen as seed stock therefore duplicates can be obtain when require during experimentation. Cryopreserving is the most widely used method for the preservation of cell culture. In cryopreserving method the cell lines are stored in liquid nitrogen to avoid the microbial contamination. The presence of cryopreserving agents such as dimethylsulfoxide (DMSO) allows slower cooler rate and reduce the rate of ice crystal formation.

This report contains market size and forecasts of Cell Culture Freezing in Global, including the following market information:

Global Cell Culture Freezing Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Cell Culture Freezing market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Incubators Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Cell Culture Freezing include Merck, Thermo Fisher Scientific, Nippon Genetics, Miltenyi Biotec, Mediatech, General Electric, BioLifeSolutions, HiMedia Laboratories and PromoCell. etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Cell Culture Freezing companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Cell Culture Freezing Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Cell Culture Freezing Market Segment Percentages, by Type, 2021 (%)

Incubators

Pipetting Instruments

Cryostorage Equipment

Others

Global Cell Culture Freezing Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Cell Culture Freezing Market Segment Percentages, by Application, 2021 (%)

Hospitals

Research Institutes

Laboratories

Pharmaceuticals Companies

Biotechnology Companies

Global Cell Culture Freezing Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Cell Culture Freezing Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Cell Culture Freezing revenues in global market, 2017-2022
(estimated), (\$ millions)

Key companies Cell Culture Freezing revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Merck

Thermo Fisher Scientific

Nippon Genetics

Miltenyi Biotec

Mediatech

General Electric

BioLifeSolutions

HiMedia Laboratories

PromoCell

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