

# Bio-Process Technology Market is expected to reach USD 71 billion by 2022

*Global Bio-Process Technology Market Information, by Type (flow cytometry, cell culture, cell expansion), by Application, by End Users Forecast to 2022*

PUNE, MAHARASHTRA, INDIA, February 22, 2017 /EINPresswire.com/ -- Market Highlights□

The [global bio-process technology market](#) has been witnessing rapid growth since many years and expected to show the similar growth in coming years.

The major factors responsible for this are; increasing awareness of bio-banks, and growth in production of vaccines. In addition to this, wide acceptance of bio-process technology by

pharmaceutical companies, industrial chemical manufacturers, hospitals, and research institutes are further boosting the growth of bio-process technology market globally. Bioprocessing techniques are also used in bio-banking that is for preserving cell culture and to increase its shelf life under extremely low temperature known as cryopreservation.

The global bio-process technology market has been valued at 29 billion in 2015 and is expected to increase to 71 billion by the end of forecasted period.

## Major Key Players

- Bio-Rad Laboratories (U.S.),
- Thermo Fisher Scientific, Inc. (U.S.),
- Becton, Dickinson and Company (U.S.),
- Danaher Corporation (U.S.),
- Corning, Inc.(U.S.),
- Charles River Laboratories (U.S.),





Key Players: Bio-Rad Laboratories, Thermo Fisher Scientific, Inc. Becton, Dickinson and Company, Danaher Corporation , Corning, Inc. , Charles River Laboratories, Merck Millipore”

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- Merck Millipore (Germany),
- Lonza Group AG (Switzerland),
- Sartorius Stedim Biotech S.A (France),

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Intended Audience

- Global bio-process technology device/regent manufacturers & suppliers

- Contract research organizations (CROs)
- Research and development (R&D) companies
- Government research laboratories
- Independent research laboratories
- Government and independent regulatory authorities
- Market research and consulting service providers
- Academic institutes and universities

There were more than 10 bio-process technologies being developed or are commercially available in the market in the form of kits or whole apparatus required, developed by more than 20 small and large companies. The major techniques includes cell expansion, cell line development, flow cytometry, cell counting, cell culture, virus infiltration, single use bioprocessing, biologics safety testing, tangential flow filtration and progen testing. Cell culture, cell expansion and flow cytometry are the most expensive process of bio-processing techniques and involved large bioreactors and heavy containers and also, are widely used technique worldwide for fermentation or vaccine production. These methods are very critical and involved high protection and control to minimize the high risk of contamination of cells or bacteria and takes place in highly controlled and sterilized and computerized environment. There are more than 40 medicines or vaccines being developed recently using these bioprocess technologies.

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North America with the largest market share of 70% in 2015 of the global bio-process technology market due to high prevalence rate of various chronic diseases, and easy availability of all fundamental infrastructure and vaccine due to widespread healthcare infrastructure and government encouragement to medical innovation and is expected to grow further during the forecasted period. In 2016, US accounts for the maximum number of chronic disease treatment and operations such as cancer, hence large funds were been spend by the pharmaceutical companies in R&D of developing fast and effective vaccine and treatment to develop the

prevention for such diseases leading to the increase use of bio-process technologies. Asia Pacific is expected to be the fastest growing market and is expected to continue to grow at the same rate during the forecasted period

Test the market data and market information presented through more than 60 market data tables and figures spread over 85 numbers of pages of the project report. Avail the in-depth table of content TOC & market synopsis on "[global bio-process technology market research report – forecast to 2022.](#)"

Market Segmentation:□

Segmentation by Type

- Cell Culture
- Cell Expansion
- Flow Cytometry
- Cell Line Development
- Virus Infiltration

Segmentation by Application

- Biopharmaceuticals
- Specialty Products
- Industrial Chemicals
- Environment Management Aid

Segmentation by End users

- Hospitals
- Research Labs And Centers
- Medical Institutions

Cell culture and flow cytometry are the most used process worldwide and contributes the largest market share together of the total bio-process technology.

Brief TOC

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