

# **North America Bioprocess Technology Market Forecast to 2028 - Regional Analysis By Type (Cell Culture Media Bioprocess, Chromatography Bioprocess, and Consumables & Accessories, and Others), Modality (Single Use and Multiple Use), and End User (Academic & Medical Institutions, Biopharmaceutical Companies, Research Laboratories, and Others)**

<https://marketpublishers.com/r/N3E93CB7F8BEEN.html>

Date: September 2023

Pages: 129

Price: US\$ 3,000.00 (Single User License)

ID: N3E93CB7F8BEEN

## **Abstracts**

The North America bioprocess technology market is expected to grow from US\$ 15,869.06 million in 2023 to US\$ 33,696.06 million by 2028. It is estimated to grow at a CAGR of 16.3% from 2023 to 2028.

### **Increasing Prevalence of Chronic Diseases Drives North America Bioprocess Technology Market**

The unprecedented rate of aging population and extended periods of physical inactivity are boosting the prevalence lifestyle disorders, such as obesity and diabetes. Genes can cause conditions such as cardiovascular disease (CVDs), diabetes, obesity, Alzheimer's disease, and depression. According to the National Council on Aging, Inc., 80% of adults (aged 65 and more) are reported to suffer from at least one chronic condition in their lifetime, while 68% have two or more. According to the Centers for Disease Control and Prevention (CDC), nearly 6 of 10 people in the US suffered from at least one serious disease, and 4 of 10 people have had two or more chronic conditions in 2020. CVDs, such as angina pectoris, atherosclerosis, and acute myocardial infarction, caused due to hectic lifestyles are significant causes of mortality across the

region. Diabetes is a life-threatening chronic disease with no functional cure. Diabetes of all types can cause various complications in different body parts, thereby increasing the overall risk of death. Heart attack, kidney failure, stroke, leg amputation, nerve damage, and vision loss are among the major complications associated with diabetes. According to the International Diabetes Federation (IDF), diabetic cases in North America are expected to reach 62 million by 2045 from 46 million in 2017. The data further reported that 425 million people suffered from diabetes in 2017, and the count is likely to reach 629 million by 2045 worldwide. The disease prevalence is likely to increase by about 35% during the forecast period. Recognition of biosimilars as efficacious and safe agents by patients, specialists, primary care clinicians, and other healthcare professionals is propelling its demand. Biosimilars have proven to improve the quality of life for millions of patients. They are effective and cost-effective options in treating many diseases, including chronic skin conditions (such as psoriasis, Atopic Dermatitis), bowel diseases (such as Crohn's disease, irritable bowel syndrome, and colitis), diabetes, autoimmune disease, cancer, kidney conditions, and arthritis. Biosimilar developers are adopting advanced bioprocessing technologies to achieve lower manufacturing costs, an important factor determining final consumer prices. Nearly all biosimilar developers are using modern, often cutting-edge bioprocessing techniques. This indicates that a majority of biosimilars are being developed using single use (disposed of after-use) bioprocessing systems. With the growing prevalence of chronic diseases, the demand for biosimilars to treat life-threatening illnesses is spurring, thereby propelling the demand for bioprocessing technologies.

## North America Bioprocess Technology Market Overview

According to the Food and Drug Administration (FDA) report, over 30 million people in the US suffer from ~7,000 rare diseases, accounting for life-threatening conditions with low treatment options. Drug, biological, and device development in the treatment of rare diseases is challenging due to a lack of understanding of the history of rare diseases and difficulty in conducting clinical trials. Therefore, the growth of bioprocess technologies such as gene and cell therapies (CGTs) and specialty pharmaceuticals represent a radical shift in the treatment of rare diseases. For example, CGTs have revealed significant health benefits than formulated drugs for treating rare diseases. In the US, more than 900 investigational new drug (IND) applications targeting gene therapy products are underway. Also, 10-20 gene therapies are approved annually by the FDA. Likewise, in August 2022, the FDA approved Bluebird Bio's 'Zynteglo (betibeglogene autotemcel).' It was the most expensive single-application drug approval in the US intended for the treatment of a rare neurological disorder—cerebral adrenoleukodystrophy (CALD).

## North America Bioprocess Technology Market Revenue and Forecast to 2028 (US\$ Million)

### North America Bioprocess Technology Market Segmentation

The North America bioprocess technology market is segmented into type, modality, end user, and country.

Based on type, the North America bioprocess technology market is segmented into cell culture media bioprocess, chromatography bioprocess, and consumables & accessories, and others. In 2023, the cell culture media bioprocess segment registered a largest share in the North America bioprocess technology market.

Based on modality, the North America bioprocess technology market is bifurcated into single use and multiple use. In 2023, the single use segment registered a larger share in the North America bioprocess technology market.

Based on end-use, the North America bioprocess technology market is segmented into academic & medical institutions, biopharmaceutical companies, research laboratories, and others. In 2023, the biopharmaceutical companies segment registered a largest share in the North America bioprocess technology market.

Based on country, the North America bioprocess technology market is segmented into the US, Canada, and Mexico. In 2023, the US segment registered a largest share in the North America bioprocess technology market.

Corning Inc; Danaher Corp; Eppendorf SE; Lonza Group AG; Merck KGaA; Repligen Corp; Sartorius AG; STAMM Biotech; and Thermo Fisher Scientific Inc are some of the leading companies operating in the North America bioprocess technology market.

## Contents

### **1. INTRODUCTION**

- 1.1 Scope of the Study
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation
  - 1.3.1 North America Bioprocess Technology Market - by Type
  - 1.3.2 North America Bioprocess Technology Market - by Modality
  - 1.3.3 North America Bioprocess Technology Market - by End User
  - 1.3.1 North America Bioprocess Technology Market - by Country

### **2. NORTH AMERICA BIOPROCESS TECHNOLOGY MARKET - KEY TAKEAWAYS**

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. NORTH AMERICA BIOPROCESS TECHNOLOGY MARKET - MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 North America PEST Analysis
- 4.3 Expert's Opinion

### **5. NORTH AMERICA BIOPROCESS TECHNOLOGY MARKET - KEY MARKET DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 Growing R&D Spendings to Introduce New Drug Compounds
  - 5.1.2 Increasing Prevalence of Chronic Diseases
- 5.2 Market Restraints
  - 5.2.1 Stringent Regulatory Policies
- 5.3 Market Opportunities
  - 5.3.1 Introducing Advanced Bioprocess Technologies
- 5.4 Future Trends
  - 5.4.1 Emergence of Automated Real-Time Flow Cytometry (ART-FCM)

## 5.5 Impact Analysis

## **6. BIOPROCESS TECHNOLOGY MARKET - NORTH AMERICA ANALYSIS**

### 6.1 North America Bioprocess Technology Market Revenue Forecast and Analysis

## **7. NORTH AMERICA BIOPROCESS TECHNOLOGY MARKET - REVENUE AND FORECAST TO 2028 - BY TYPE**

### 7.1 Overview

### 7.2 North America Bioprocess Technology Market Revenue Share, by Type 2022 & 2028 (%)

### 7.3 Cell Culture Media Bioprocess

#### 7.3.1 Overview

#### 7.3.2 Cell Culture Media Bioprocess: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

### 7.4 Chromatography Bioprocess

#### 7.4.1 Overview

#### 7.4.2 Chromatography Bioprocess: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

### 7.5 Consumables & Accessories

#### 7.5.1 Overview

#### 7.5.2 Consumables & Accessories: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

### 7.6 Others

#### 7.6.1 Overview

#### 7.6.2 Others: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

## **8. NORTH AMERICA BIOPROCESS TECHNOLOGY MARKET ANALYSIS AND FORECASTS TO 2028 - BY MODALITY**

### 8.1 Overview

### 8.2 North America Bioprocess Technology Market, by Modality 2022 & 2028 (%)

### 8.3 Single Use

#### 8.3.1 Overview

#### 8.3.2 Single Use: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

### 8.4 Multiple Use

#### 8.4.1 Overview

8.4.2 Multiple Use: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

### **9. NORTH AMERICA BIOPROCESS TECHNOLOGY MARKET - REVENUE AND FORECAST TO 2028 - BY END USER**

#### 9.1 Overview

9.2 North America Bioprocess Technology Market Revenue Share, by End User 2022 & 2028 (%)

#### 9.3 Academic & Medical Institutions

##### 9.3.1 Overview

9.3.2 Academic & Medical Institutions: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

#### 9.4 Biopharmaceutical Companies

##### 9.4.1 Overview

9.4.2 Biopharmaceutical Companies: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

#### 9.5 Research Laboratories

##### 9.5.1 Overview

9.5.2 Research Laboratories: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

#### 9.6 Others

##### 9.6.1 Overview

9.6.2 Others: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

### **10. NORTH AMERICA BIOPROCESS TECHNOLOGY MARKET - REVENUE AND FORECAST TO 2028 - COUNTRY ANALYSIS**

#### 10.1 North America: Bioprocess Technology Market

##### 10.1.1 Overview

10.1.2 North America: Bioprocess Technology Market, by Country, 2022 & 2028 (%)

10.1.2.1 US: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

##### 10.1.2.1.1 Overview

10.1.2.1.2 US: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.2.1.3 US: Bioprocess Technology Market, by Type, 2019-2028 (US\$ Million)

10.1.2.1.4 US: Bioprocess Technology Market, by Modality, 2019-2028 (US\$ Million)

10.1.2.1.5 US: Bioprocess Technology Market, by End User, 2019-2028 (US\$ Million)

10.1.2.2 Canada: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.2.2.1 Overview

10.1.2.2.2 Canada: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.2.2.3 Canada: Bioprocess Technology Market, by Type, 2019-2028 (US\$ Million)

10.1.2.2.4 Canada: Bioprocess Technology Market, by Modality, 2019-2028 (US\$ Million)

10.1.2.2.5 Canada: Bioprocess Technology Market, by End User, 2019-2028 (US\$ Million)

10.1.2.3 Mexico: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.2.3.1 Overview

10.1.2.3.2 Mexico: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.2.3.3 Mexico: Bioprocess Technology Market, by Type, 2019-2028 (US\$ Million)

10.1.2.3.4 Mexico: Bioprocess Technology Market, by Modality, 2019-2028 (US\$ Million)

10.1.2.3.5 Mexico: Bioprocess Technology Market, by End User, 2019-2028 (US\$ Million)

## **11. NORTH AMERICA BIOPROCESS TECHNOLOGY MARKET - INDUSTRY LANDSCAPE**

11.1 Overview

11.2 Organic Growth Strategies

11.2.1 Overview

11.3 Inorganic Growth Strategies

11.3.1 Overview

## **12. COMPANY PROFILES**

12.1 Merck KGaA

- 12.1.1 Key Facts
- 12.1.2 Business Description
- 12.1.3 Products and Services
- 12.1.4 Financial Overview
- 12.1.5 SWOT Analysis
- 12.1.6 Key Developments
- 12.2 Sartorius AG
  - 12.2.1 Key Facts
  - 12.2.2 Business Description
  - 12.2.3 Products and Services
  - 12.2.4 Financial Overview
  - 12.2.5 SWOT Analysis
  - 12.2.6 Key Developments
- 12.3 Thermo Fisher Scientific Inc
  - 12.3.1 Key Facts
  - 12.3.2 Business Description
  - 12.3.3 Products and Services
  - 12.3.4 Financial Overview
  - 12.3.5 SWOT Analysis
  - 12.3.6 Key Developments
- 12.4 Corning Inc
  - 12.4.1 Key Facts
  - 12.4.2 Business Description
  - 12.4.3 Products and Services
  - 12.4.4 Financial Overview
  - 12.4.5 SWOT Analysis
  - 12.4.6 Key Developments
- 12.5 STAMM Biotech
  - 12.5.1 Key Facts
  - 12.5.2 Business Description
  - 12.5.3 Products and Services
  - 12.5.4 Financial Overview
  - 12.5.5 SWOT Analysis
  - 12.5.6 Key Developments
- 12.6 Lonza Group AG
  - 12.6.1 Key Facts
  - 12.6.2 Business Description
  - 12.6.3 Products and Services
  - 12.6.4 Financial Overview



- 12.6.5 SWOT Analysis
- 12.6.6 Key Developments
- 12.7 Eppendorf SE
  - 12.7.1 Key Facts
  - 12.7.2 Business Description
  - 12.7.3 Products and Services
  - 12.7.4 Financial Overview
  - 12.7.5 SWOT Analysis
  - 12.7.6 Key Developments
- 12.8 Repligen Corp
  - 12.8.1 Key Facts
  - 12.8.2 Business Description
  - 12.8.3 Products and Services
  - 12.8.4 Financial Overview
  - 12.8.5 SWOT Analysis
  - 12.8.6 Key Developments
- 12.9 Danaher Corp
  - 12.9.1 Key Facts
  - 12.9.2 Business Description
  - 12.9.3 Products and Services
  - 12.9.4 Financial Overview
  - 12.9.5 SWOT Analysis
  - 12.9.6 Key Developments

## **13. APPENDIX**

- 13.1 About The Insight Partners
- 13.2 Glossary of Terms

## List Of Tables

### LIST OF TABLES

Table 1. North America Bioprocess Technology Market, Revenue and Forecast, 2020-2028 (US\$ Million)

Table 2. US Bioprocess Technology Market, by Type - Revenue and Forecast to 2028 (US\$ Million)

Table 3. US Bioprocess Technology Market, by Modality - Revenue and Forecast to 2028 (US\$ Million)

Table 4. US Bioprocess Technology Market, by End User - Revenue and Forecast to 2028 (US\$ Million)

Table 5. Canada Bioprocess Technology Market, by Type - Revenue and Forecast to 2028 (US\$ Million)

Table 6. Canada Bioprocess Technology Market, by Modality - Revenue and Forecast to 2028 (US\$ Million)

Table 7. Canada Bioprocess Technology Market, by End User - Revenue and Forecast to 2028 (US\$ Million)

Table 8. Mexico Bioprocess Technology Market, by Type - Revenue and Forecast to 2028 (US\$ Million)

Table 9. Mexico Bioprocess Technology Market, by Modality - Revenue and Forecast to 2028 (US\$ Million)

Table 10. Mexico Bioprocess Technology Market, by End User - Revenue and Forecast to 2028 (US\$ Million)

Table 11. Recent Organic Growth Strategies in Bioprocess Technology Market

Table 12. Recent Inorganic Growth Strategies in the North America bioprocess technology market

Table 13. Glossary of Terms

## List Of Figures

### LIST OF FIGURES

- Figure 1. North America Bioprocess Technology Market Segmentation
- Figure 2. North America Bioprocess Technology Market, by Country
- Figure 3. North America Bioprocess Technology Market Overview
- Figure 4. Cell Culture Media Bioprocess Segment Held Largest Share of Type Segment in North America Bioprocess Technology Market
- Figure 5. Canada Expected to Show Remarkable Growth During Forecast Period
- Figure 6. North America: PEST Analysis
- Figure 7. Experts' Opinion
- Figure 8. North America Bioprocess Technology Market Impact and Analysis
- Figure 9. North America Bioprocess Technology Market - Revenue Forecast and Analysis - 2020-2028
- Figure 10. North America Bioprocess Technology Market Revenue Share, by Type 2022 & 2028 (%)
- Figure 11. Cell Culture Media Bioprocess: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- Figure 12. Chromatographic Bioprocess: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- Figure 13. Consumables & Accessories: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- Figure 14. Others: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- Figure 15. North America Bioprocess Technology Market, by Modality 2022 & 2028 (%)
- Figure 16. Single Use: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- Figure 17. Multiple Use: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- Figure 18. North America Bioprocess Technology Market Revenue Share, by End User 2022 & 2028 (%)
- Figure 19. Academic & Medical Institutions: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- Figure 20. Biopharmaceutical Companies: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- Figure 21. Research Laboratories: North America Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- Figure 22. Others: North America Bioprocess Technology Market - Revenue and

Forecast to 2028 (US\$ Million)

Figure 23. North America: Bioprocess Technology Market, by Key Country - Revenue (2022) (US\$ Million)

Figure 24. US: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 25. Canada: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 26. Mexico: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

## I would like to order

Product name: North America Bioprocess Technology Market Forecast to 2028 - Regional Analysis By Type (Cell Culture Media Bioprocess, Chromatography Bioprocess, and Consumables & Accessories, and Others), Modality (Single Use and Multiple Use), and End User (Academic & Medical Institutions, Biopharmaceutical Companies, Research Laboratories, and Others)

Product link: <https://marketpublishers.com/r/N3E93CB7F8BEEN.html>

Price: US\$ 3,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N3E93CB7F8BEEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970