

# **Middle East & Africa 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/M158B00F1BCCEN.html>

Date: September 2023

Pages: 124

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

ID: M158B00F1BCCEN

## **Abstracts**

The Middle East & Africa bioprocess technology market is expected to grow from US\$ 1,233.00 million in 2023 to US\$ 2,443.75 million by 2028. It is estimated to grow at a CAGR of 14.7% from 2023 to 2028.

**Introducing Advanced Bioprocess Technologies Drives Middle East & Africa Bioprocess Technology Market**

Advanced bioprocess technologies bridge R&D with production. Several players are introducing a wide range of new bioprocessing technologies in the market. On December 4, 2020, IDBS (a provider of software informatics solutions for the biotech and pharmaceutical industries) announced the launch of Polar. Polar creates a new product category called BioPharma Lifecycle Management (BPLM) to streamline drug development and production in biopharma research. Polar is designed and deployed to rapidly solve challenges associated with workflow, process quality, collaboration, and data analysis that have plagued the existing software solutions, including laboratory information management system (LIMS) and electronic laboratory notebook (ELN). As a result, there will be less human errors and an improvement in overall accuracy. It will

reduce manual data processing and transcription, leading to fewer human errors and enhanced overall accuracy. It also has extensive search features that make it easier for users to locate what they are searching for, preventing the need for pointless duplication of effort. Merck's new BioContinuum Platform advances biotherapeutic drug manufacturing through improved efficiency, simplified plant operations, and greater quality and consistency. In addition, Merck's Pellicon Single-Pass Tangential Flow Filtration aid in intensifying operations associated with the purification of therapeutic proteins. Thus, the introduction of various new-age bioprocess technologies is likely to provide lucrative opportunities for the market growth during the forecast period.

### Middle East & Africa Bioprocess Technology Market Overview

The Saudi Food and Drug Authority (SFDA) has experienced lucrative opportunities that benefit from the National Institute for Bioprocessing Research and Training (NIBRT) that support local biotechnology companies. SFDA is highly focused on biotechnology owing to its high importance toward food and drug production, dependence on agriculture, and food and pharmaceutical products. NIBRT Research is a global leader in the development of innovative technologies and involved in advancing biopharmaceutical manufacturing across multidisciplinary areas such as analytical science, cell and genetic engineering, and bioprocess engineering. Such discoveries are utilized to advance the state of the art by revolutionizing the manufacturing of recombinant proteins, vaccines and cells, and gene therapies.

### Middle East & Africa Bioprocess Technology Market Revenue and Forecast to 2028 (US\$ Million)

### Middle East & Africa Bioprocess Technology Market Segmentation

The Middle East & Africa bioprocess technology market is segmented into type, modality, end user, and country.

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

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

Based on end user, the Middle East & Africa 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 Middle East & Africa bioprocess technology market.

Based on country, the Middle East & Africa bioprocess technology market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. In 2023, Saudi Arabia segment registered a largest share in the Middle East & Africa bioprocess technology market.

Danaher Corp; Eppendorf SE; Lonza Group AG; Merck KGaA; Repligen Corp; Sartorius AG; and Thermo Fisher Scientific Inc are the leading companies operating in the Middle East & Africa 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 Middle East & Africa Bioprocess Technology Market - by Type
  - 1.3.2 Middle East & Africa Bioprocess Technology Market - by Modality
  - 1.3.3 Middle East & Africa Bioprocess Technology Market - by End User
  - 1.3.4 Middle East & Africa Bioprocess Technology Market - by Country

### **2. MIDDLE EAST & AFRICA BIOPROCESS TECHNOLOGY MARKET - KEY TAKEAWAYS**

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. MIDDLE EAST & AFRICA BIOPROCESS TECHNOLOGY MARKET - MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 Middle East & Africa PEST Analysis
- 4.3 Expert's Opinion

### **5. MIDDLE EAST & AFRICA 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 - MIDDLE EAST & AFRICA ANALYSIS**

- 6.1 Middle East & Africa Bioprocess Technology Market Revenue Forecast and Analysis

## **7. MIDDLE EAST & AFRICA BIOPROCESS TECHNOLOGY MARKET - REVENUE AND FORECAST TO 2028 - BY TYPE**

- 7.1 Overview
- 7.2 Middle East & Africa 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: Middle East & Africa Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- 7.4 Chromatography Bioprocess
  - 7.4.1 Overview
  - 7.4.2 Chromatography Bioprocess: Middle East & Africa Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- 7.5 Consumables & Accessories
  - 7.5.1 Overview
  - 7.5.2 Consumables & Accessories: Middle East & Africa Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)
- 7.6 Others
  - 7.6.1 Overview
  - 7.6.2 Others: Middle East & Africa Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

## **8. MIDDLE EAST & AFRICA BIOPROCESS TECHNOLOGY MARKET ANALYSIS AND FORECASTS TO 2028 - BY MODALITY**

- 8.1 Overview
- 8.2 Middle East & Africa Bioprocess Technology Market, by Modality 2022 & 2028 (%)
- 8.3 Single Use
  - 8.3.1 Overview
  - 8.3.2 Single Use: Middle East & Africa Bioprocess Technology Market - Revenue and

Forecast to 2028 (US\$ Million)

8.4 Multiple Use

8.4.1 Overview

8.4.2 Multiple Use: Middle East & Africa Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

## **9. MIDDLE EAST & AFRICA BIOPROCESS TECHNOLOGY MARKET - REVENUE AND FORECAST TO 2028 - BY END USER**

9.1 Overview

9.2 Middle East & Africa 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: Middle East & Africa Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

9.4 Biopharmaceutical Companies

9.4.1 Overview

9.4.2 Biopharmaceutical Companies: Middle East & Africa Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

9.5 Research Laboratories

9.5.1 Overview

9.5.2 Research Laboratories: Middle East & Africa Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

9.6 Others

9.6.1 Overview

9.6.2 Others: Middle East & Africa Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

## **10. MIDDLE EAST & AFRICA BIOPROCESS TECHNOLOGY MARKET - REVENUE AND FORECAST TO 2028 - COUNTRY ANALYSIS**

10.1 Overview

10.1.1 Middle East & Africa: Bioprocess Technology Market, by Country, 2022 & 2028 (%)

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

10.1.1.1.1 Overview

10.1.1.1.2 UAE: Bioprocess Technology Market - Revenue and Forecast to 2028

(US\$ Million)

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

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

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

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

10.1.1.2.1 Overview

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

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

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

10.1.1.2.5 Saudi Arabia Bioprocess Technology Market, by End User, 2019-2028 (US\$ Million)

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

10.1.1.3.1 Overview

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

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

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

10.1.1.3.5 South Africa Bioprocess Technology Market, by End User, 2019-2028 (US\$ Million)

10.1.1.4 Rest of Middle East & Africa: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.1.4.1 Overview

10.1.1.4.2 Rest of Middle East & Africa: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

10.1.1.4.3 Rest of Middle East & Africa: Bioprocess Technology Market, by Type, 2019-2028 (US\$ Million)

10.1.1.4.4 Rest of Middle East & Africa: Bioprocess Technology Market, by Modality, 2019-2028 (US\$ Million)

10.1.1.4.5 Rest of Middle East & Africa Bioprocess Technology Market, by End User, 2019-2028 (US\$ Million)



## **11. MIDDLE EAST & AFRICA 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 Lonza Group AG
  - 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 Eppendorf SE

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 Repligen Corp

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 Danaher Corp

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

**13. APPENDIX**

13.1 About The Insight Partners

13.2 Glossary of Terms

## List Of Tables

### LIST OF TABLES

Table 1. Middle East & Africa Bioprocess Technology Market, Revenue and Forecast, 2020-2028 (US\$ Million)

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

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

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

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

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

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

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

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

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

Table 11. Rest of Middle East & Africa Bioprocess Technology Market, by Type - Revenue and Forecast to 2028 (US\$ Million)

Table 12. Rest of Middle East & Africa Bioprocess Technology Market, by Modality - Revenue and Forecast to 2028 (US\$ Million)

Table 13. Rest of Middle East & Africa Bioprocess Technology Market, by End User - Revenue and Forecast to 2028 (US\$ Million)

Table 14. Recent Organic Growth Strategies in Bioprocess Technology Market

Table 15. Recent Inorganic Growth Strategies in the Middle East & Africa bioprocess technology market

Table 16. Glossary of Terms

## List Of Figures

### LIST OF FIGURES

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

Figure 22. Others: Middle East & Africa Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

Figure 23. Middle East & Africa: Bioprocess Technology Market, by Key Country - Revenue (2022) (US\$ Million)

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

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

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

Figure 27. Rest of Middle East & Africa: Bioprocess Technology Market - Revenue and Forecast to 2028 (US\$ Million)

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