

Downstream Processing Market by Technique (Separation, Concentration, Purification), Product (Chromatography Column & Resin, Filter, Single use), Application (Mab Production), End User (Contract Manufacturing Organization) - Global Forecast to 2021

<https://marketpublishers.com/r/D027C8A12A7EN.html>

Date: March 2017

Pages: 141

Price: US\$ 5,650.00 (Single User License)

ID: D027C8A12A7EN

Abstracts

The global downstream processing market is projected to reach USD 22.03 billion by 2021 from USD 10.32 billion in 2016, at a CAGR of 16.4% from 2016 to 2021.

Increasing demand for biopharmaceuticals and increasing R&D expenditure in the biopharmaceutical industry are the major factors driving the growth of the global downstream processing market.

Developing markets in Asia-Pacific such as Japan, China, India, South Korea, Taiwan, Australia, and Singapore are lucrative markets for downstream processing, rising geriatric population, growing per capita income, increasing investments in the healthcare industry by key market players, and increasing outsourcing services by various pharmaceutical companies from these countries are the major factors driving the growth of the downstream processing market in this region.

In this report, the downstream processing market is broadly segmented on the basis of technique, product, application, end user, and region. Based on application, the downstream processing market is classified into monoclonal antibody (mAbs) production, vaccine production, insulin production, immunoglobulin production, erythropoietin production, and other applications. The mAbs production segment is expected to grow at the fastest CAGR during the forecast period. This high growth is attributed to the increasing adoption of targeted immunotherapy and increasing number

of U.S. FDA-cleared therapeutic monoclonal antibodies.

On the basis of technique, the market is segmented into purification, solid-liquid separation, and clarification/concentration. In 2016, the purification segment accounted for the largest share of the downstream processing market. The large share as well as the high growth of this segment is attributed to the growing need for highly pure biopharmaceutical products.

On the basis of product, the downstream processing market is segmented into chromatography columns and resins, filters, membrane adsorbers, single-use products, and other products. In 2016, the chromatography columns and resins segment accounted for the largest share of the downstream processing market. The constant need for newer and different types of columns and resins is likely to fuel market growth.

On the basis of end user, the downstream processing market is segmented into biopharmaceutical manufacturers and contract manufacturing organizations (CMOs). The contract manufacturing organizations (CMOs) segment is expected to grow at the highest CAGR during the forecast period.

New and innovative product launches was the dominant strategy adopted by key industry participants to increase their market share and cater to unmet needs. Thermo Fisher Scientific Inc. (U.S.), GE Healthcare (U.S.), Sartorius Stedim Biotech S.A. (France), Merck Millipore (Germany), and Danaher Corporation (U.S.) are some of the leading manufacturing companies that adopted this strategy.

Research Coverage:

From an insight perspective, this research report focuses on qualitative data, market size, and growth of various segments and subsegments, competitive landscape, and company profiles. The qualitative data covers various levels of industry analysis such as market dynamics (drivers, restraints, opportunities, and challenges). The report also offers market sizes and data on the growth of various segments of the industry. It focuses on emerging and high-growth segments, and high-growth regions. The competitive landscape covers growth strategies adopted by industry players in the last three years. The company profiles comprise basic views on key players in the downstream processing market and the product portfolios, developments, and strategies adopted by market players to maintain and increase their market shares in the near future. The above-mentioned market research data, current market size, and forecast of future trends will help key players and new entrants to make the necessary

decisions regarding product offerings, geographical focus, change in approach, R&D investments for innovations in products and technologies, and levels of output in order to remain successful.

Reasons to buy this report:

From an insight perspective, this research report focuses on various levels of analysis—industry analysis (industry trends) and company profiles, which together comprise and discuss the basic views on the competitive landscape; emerging and high-growth segments of the downstream processing market; high-growth regions; and market drivers, restraints, and opportunities.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on products offered by the top players in the downstream processing market

Product Development/Innovation: Detailed insights on the upcoming technologies, research & development activities, and new product launches in the downstream processing market

Market Development: Comprehensive information about lucrative emerging markets—the report analyzes the markets for downstream processing products across various regions

Market Diversification: Exhaustive information about new products, untapped geographies, and recent developments in the downstream processing market

Competitive Assessment: In-depth assessment of market ranking, strategies, products, and manufacturing capabilities of the leading players in the downstream processing market

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
 - 1.2.1 MARKETS COVERED
 - 1.2.2 YEARS CONSIDERED FOR THE STUDY
- 1.3 CURRENCY
- 1.4 LIMITATIONS
- 1.5 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 MARKET SIZE ESTIMATION
- 2.2 MARKET BREAKDOWN AND DATA TRIANGULATION
 - 2.2.1 KEY DATA FROM SECONDARY SOURCES
 - 2.2.2 KEY DATA FROM PRIMARY SOURCES
 - 2.2.2.1 Key industry insights
- 2.3 ASSUMPTIONS FOR THE STUDY

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 DOWNSTREAM BIOPROCESSING MARKET SNAPSHOT, 2016 VS. 2021
- 4.2 DOWNSTREAM BIOPROCESSING MARKET, BY PRODUCT AND REGION
- 4.3 DOWNSTREAM BIOPROCESSING MARKET, BY TECHNIQUE, 2016 VS. 2021
(USD BILLION)
- 4.4 DOWNSTREAM BIOPROCESSING MARKET, BY APPLICATION, 2016 VS. 2021
(USD BILLION)
- 4.5 DOWNSTREAM BIOPROCESSING MARKET, BY END USER, 2016 VS. 2021
(USD BILLION)
- 4.6 DOWNSTREAM BIOPROCESSING MARKET, BY REGION

5 MARKET OVERVIEW

- 5.1 INTRODUCTION
 - 5.1.1 DRIVERS

- 5.1.1.1 Increasing demand for biopharmaceuticals
- 5.1.1.2 Increasing R&D expenditure in biopharmaceutical companies
- 5.1.2 RESTRAINTS
 - 5.1.2.1 High cost of instruments
- 5.1.3 OPPORTUNITIES
 - 5.1.3.1 Patent expiry
- 5.1.4 CHALLENGES
 - 5.1.4.1 Purification bottleneck
 - 5.1.4.2 Lack of single-use options
 - 5.1.4.3 Dearth of skilled professionals

6 DOWNSTREAM BIOPROCESSING MARKET, BY TECHNIQUE

- 6.1 INTRODUCTION
- 6.2 PURIFICATION TECHNIQUES
 - 6.2.1 GEL CHROMATOGRAPHY
 - 6.2.2 ION EXCHANGE CHROMATOGRAPHY
 - 6.2.3 AFFINITY CHROMATOGRAPHY
 - 6.2.4 HYDROPHOBIC INTERACTION CHROMATOGRAPHY
- 6.3 SOLID-LIQUID SEPARATION
 - 6.3.1 FILTRATION
 - 6.3.1.1 Tangential flow filtration
 - 6.3.1.2 Normal flow filtration
 - 6.3.2 CENTRIFUGATION
- 6.4 CLARIFICATION/CONCENTRATION

7 DOWNSTREAM BIOPROCESSING MARKET, BY PRODUCT

- 7.1 INTRODUCTION
- 7.2 CHROMATOGRAPHY COLUMNS AND RESINS
- 7.3 FILTERS
- 7.4 MEMBRANE ADSORBERS
- 7.5 SINGLE-USE PRODUCTS
- 7.6 OTHER PRODUCTS

8 DOWNSTREAM BIOPROCESSING MARKET, BY APPLICATION

- 8.1 INTRODUCTION
- 8.2 MONOCLONAL ANTIBODY PRODUCTION

- 8.3 VACCINES PRODUCTION
- 8.4 INSULIN PRODUCTION
- 8.5 IMMUNOGLOBULIN PRODUCTION
- 8.6 ERYTHROPOIETIN PRODUCTION
- 8.7 OTHER APPLICATIONS

9 DOWNSTREAM BIOPROCESSING MARKET, BY END USER

- 9.1 INTRODUCTION
- 9.2 BIOPHARMACEUTICAL MANUFACTURERS
- 9.3 CONTRACT MANUFACTURING ORGANIZATIONS

10 DOWNSTREAM BIOPROCESSING MARKET, BY REGION

- 10.1 INTRODUCTION
- 10.2 NORTH AMERICA
 - 10.2.1 U.S.
 - 10.2.2 CANADA
- 10.3 EUROPE
- 10.4 ASIA-PACIFIC
- 10.5 REST OF THE WORLD

11 COMPETITIVE LANDSCAPE

- 11.1 OVERVIEW
- 11.2 COMPARATIVE ASSESSMENT OF KEY MARKET PLAYERS
- 11.3 COMPETITIVE SITUATIONS AND TRENDS
 - 11.3.1 PRODUCT LAUNCHES
 - 11.3.2 ACQUISITIONS
 - 11.3.3 EXPANSIONS
 - 11.3.4 COLLABORATIONS
 - 11.3.5 OTHER STRATEGIES

12 COMPANY PROFILES

(Overview, Products and Services, Financials, Strategy & Development)*

- 12.1 INTRODUCTION
- 12.2 THERMO FISHER SCIENTIFIC INC.

- 12.3 GE HEALTHCARE
- 12.4 SARTORIUS STEDIM BIOTECH S.A.
- 12.5 MERCK MILLIPORE
- 12.6 DANAHER CORPORATION
- 12.7 3M COMPANY
- 12.8 BOEHRINGER INGELHEIM
- 12.9 LONZA GROUP AG
- 12.10 EPPENDORF AG
- 12.11 FINESSE SOLUTIONS, INC.

*Details on Overview, Products and Services, Financials, Strategy & Development might not be Captured in case of Unlisted Companies.

13 APPENDIX

- 13.1 INSIGHTS OF INDUSTRY EXPERTS
- 13.2 DISCUSSION GUIDE
- 13.3 OTHER DEVELOPMENTS
- 13.4 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 13.5 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
- 13.6 AVAILABLE CUSTOMIZATIONS
- 13.7 RELATED REPORTS
- 13.8 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 DOWNSTREAM BIOPROCESSING MARKET SIZE, BY TECHNIQUE, 2014–2021 (USD MILLION)

Table 2 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR PURIFICATION TECHNIQUES, BY REGION, 2014–2021 (USD MILLION)

Table 3 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR PURIFICATION TECHNIQUES, BY COUNTRY, 2014–2021 (USD MILLION)

Table 4 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR SOLID-LIQUID SEPARATION TECHNIQUES, BY REGION, 2014–2021 (USD MILLION)

Table 5 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR SOLID-LIQUID SEPARATION TECHNIQUES, BY COUNTRY, 2014–2021 (USD MILLION)

Table 6 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR CLARIFICATION/CONCENTRATION TECHNIQUES, BY REGION, 2014–2021 (USD MILLION)

Table 7 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR CLARIFICATION/CONCENTRATION TECHNIQUES, BY COUNTRY, 2014–2021 (USD MILLION)

Table 8 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE, BY PRODUCT, 2014–2021 (USD MILLION)

Table 9 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR CHROMATOGRAPHY COLUMNS AND RESINS, BY REGION, 2014–2021 (USD MILLION)

Table 10 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR CHROMATOGRAPHY COLUMNS AND RESINS, BY COUNTRY, 2014–2021 (USD MILLION)

Table 11 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR FILTERS, BY REGION, 2014–2021 (USD MILLION)

Table 12 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR FILTERS, BY COUNTRY, 2014–2021 (USD MILLION)

Table 13 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR MEMBRANE ADSORBERS, BY REGION, 2014–2021 (USD MILLION)

Table 14 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR MEMBRANE ADSORBERS, BY COUNTRY, 2014–2021 (USD MILLION)

Table 15 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR SINGLE-USE PRODUCTS, BY REGION, 2014–2021 (USD MILLION)

Table 16 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR SINGLE-USE PRODUCTS, BY COUNTRY, 2014–2021 (USD MILLION)

Table 17 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR OTHER PRODUCTS, BY REGION, 2014–2021 (USD MILLION)

Table 18 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR OTHER PRODUCTS, BY COUNTRY, 2014–2021 (USD MILLION)

Table 19 DOWNSTREAM BIOPROCESSING MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 20 AN INDICATIVE LIST OF BLOCKBUSTER MABS AND THEIR EXPIRY DATES

Table 21 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR MAB PRODUCTION, BY REGION, 2014–2021 (USD MILLION)

Table 22 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR MONOCLONAL ANTIBODY PRODUCTION, BY COUNTRY, 2014–2021 (USD MILLION)

Table 23 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR VACCINE PRODUCTION, BY REGION, 2014–2021 (USD MILLION)

Table 24 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR VACCINE PRODUCTION, BY COUNTRY, 2014–2021 (USD MILLION)

Table 25 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR INSULIN PRODUCTION, BY REGION, 2014–2021 (USD MILLION)

Table 26 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR INSULIN PRODUCTION, BY COUNTRY, 2014–2021 (USD MILLION)

Table 27 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR IMMUNOGLOBULIN PRODUCTION, BY REGION, 2014–2021 (USD MILLION)

Table 28 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR IMMUNOGLOBULIN PRODUCTION, BY COUNTRY, 2014–2021 (USD MILLION)

Table 29 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR ERYTHROPOIETIN PRODUCTION, BY REGION, 2014–2021 (USD MILLION)

Table 30 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR ERYTHROPOIETIN PRODUCTION, BY COUNTRY, 2014–2021 (USD MILLION)

Table 31 GLOBAL DOWNSTREAM BIOPROCESSING MARKET SIZE FOR OTHER APPLICATIONS, BY REGION, 2014–2021 (USD MILLION)

Table 32 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR OTHER APPLICATIONS, BY COUNTRY, 2014–2021 (USD MILLION)

Table 33 DOWNSTREAM BIOPROCESSING MARKET SIZE, BY END USER, 2014–2021 (USD MILLION)

Table 34 DOWNSTREAM BIOPROCESSING MARKET SIZE FOR BIOPHARMACEUTICAL MANUFACTURERS, BY REGION, 2014–2021 (USD

MILLION)

Table 35 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR BIOPHARMACEUTICAL MANUFACTURERS, BY COUNTRY, 2014–2021 (USD MILLION)

Table 36 DOWNSTREAM BIOPROCESSING MARKET SIZE FOR CONTRACT MANUFACTURING ORGANIZATIONS, BY REGION, 2014–2021 (USD MILLION)

Table 37 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE FOR CONTRACT MANUFACTURING ORGANIZATIONS, BY COUNTRY, 2014–2021 (USD MILLION)

Table 38 DOWNSTREAM BIOPROCESSING MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 39 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 40 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY TECHNIQUE, 2014–2021 (USD MILLION)

Table 41 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY PRODUCT, 2014–2021 (USD MILLION)

Table 42 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 43 NORTH AMERICA: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY END USER, 2014–2021 (USD MILLION)

Table 44 U.S.: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY TECHNIQUE, 2014–2021 (USD MILLION)

Table 45 U.S.: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY PRODUCT, 2014–2021 (USD MILLION)

Table 46 U.S.: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 47 U.S.: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY END USER, 2014–2021 (USD MILLION)

Table 48 CANADA: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY TECHNIQUE, 2014–2021 (USD MILLION)

Table 49 CANADA: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY PRODUCT, 2014–2021 (USD MILLION)

Table 50 CANADA: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 51 CANADA: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY END USER, 2014–2021 (USD MILLION)

Table 52 EUROPE: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY TECHNIQUE, 2014–2021 (USD MILLION)

Table 53 EUROPE: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY PRODUCT, 2014–2021 (USD MILLION)

Table 54 EUROPE: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 55 EUROPE: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY END USER, 2014–2021 (USD MILLION)

Table 56 ASIA-PACIFIC: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY TECHNIQUE, 2014–2021 (USD MILLION)

Table 57 ASIA-PACIFIC: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY PRODUCT, 2014–2021 (USD MILLION)

Table 58 ASIA-PACIFIC: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 59 ASIA-PACIFIC: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY END USER, 2014–2021 (USD MILLION)

Table 60 ROW: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY TECHNIQUE, 2014–2021 (USD MILLION)

Table 61 ROW: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY PRODUCT, 2014–2021 (USD MILLION)

Table 62 ROW: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

Table 63 ROW: DOWNSTREAM BIOPROCESSING MARKET SIZE, BY END USER, 2014–2021 (USD MILLION)

Table 64 PRODUCT LAUNCHES, 2014–2016

Table 65 ACQUISITIONS, 2014–2016

Table 66 EXPANSIONS, 2014–2016

Table 67 COLLABORATIONS, 2014–2016

Table 68 OTHER STRATEGIES, 2014–2016

List Of Figures

LIST OF FIGURES

Figure 1 DOWNSTREAM BIOPROCESSING MARKET SEGMENTATION

Figure 2 RESEARCH DESIGN

Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 5 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION

Figure 6 MARKET DATA TRIANGULATION METHODOLOGY

Figure 7 DOWNSTREAM BIOPROCESSING MARKET, BY TECHNIQUE, 2016 VS. 2021 (USD BILLION)

Figure 8 DOWNSTREAM BIOPROCESSING MARKET, BY PRODUCT, 2016 VS. 2021 (USD BILLION)

Figure 9 DOWNSTREAM BIOPROCESSING MARKET SIZE, BY APPLICATION, 2016 VS. 2021 (USD BILLION)

Figure 10 DOWNSTREAM BIOPROCESSING MARKET SIZE, BY END USER, 2016 VS. 2021 (USD BILLION)

Figure 11 GEOGRAPHICAL SNAPSHOT OF THE DOWNSTREAM BIOPROCESSING MARKET

Figure 12 INCREASING DEMAND FOR BIOPHARMACEUTICALS

Figure 13 CHROMATOGRAPHY COLUMNS AND RESINS ACCOUNTED FOR THE LARGEST MARKET SHARE IN 2016

Figure 14 THE PURIFICATION SEGMENT DOMINATED THE DOWNSTREAM BIOPROCESSING TECHNIQUES MARKET IN 2016

Figure 15 VACCINE PRODUCTION TO COMMAND HIGHEST SHARE IN THE DOWNSTREAM BIOPROCESSING MARKET IN 2016

Figure 16 BIOPHARMACEUTICAL MANUFACTURERS DOMINATED THE DOWNSTREAM MANUFACTURING END USERS MARKET IN 2016

Figure 17 ASIA-PACIFIC TO GROW AT THE HIGHEST RATE DURING THE FORECAST PERIOD

Figure 18 DOWNSTREAM BIOPROCESSING MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, & CHALLENGES

Figure 19 GROWTH IN AGING POPULATION, BY COUNTRY (2011–2030)

Figure 20 U.S.: BIOLOGICS GOING OFF-PATENT IN THE COMING YEARS

Figure 21 PROCESSES FOLLOWED IN DOWNSTREAM BIOPROCESSING

Figure 22 PURIFICATION TECHNIQUES SEGMENT TO DOMINATE THE DOWNSTREAM BIOPROCESSING MARKET DURING THE FORECAST PERIOD

Figure 23 CHROMATOGRAPHY COLUMN AND RESINS DOMINATED THE DOWNSTREAM BIOPROCESSING PRODUCTS MARKET IN 2016

Figure 24 VACCINE PRODUCTION SEGMENT TO DOMINATE THE MARKET DURING THE FORECAST PERIOD

Figure 25 BIOPHARMACEUTICAL MANUFACTURERS TO DOMINATE THE DOWNSTREAM BIOPROCESSING END-USER MARKET IN 2016

Figure 26 GEOGRAPHIC SNAPSHOT: APAC WILL BE THE FASTEST-GROWING MARKET FOR DOWNSTREAM BIOPROCESSING DURING THE FORECAST PERIOD

Figure 27 NORTH AMERICAN DOWNSTREAM BIOPROCESSING MARKET SNAPSHOT

Figure 28 ASIA-PACIFIC DOWNSTREAM BIOPROCESSING MARKET SNAPSHOT

Figure 29 COMPANIES MAJORLY PURSUED THE STRATEGY OF PRODUCT LAUNCHES TO ENHANCE THEIR MARKET PRESENCE

Figure 30 BATTLE FOR MARKET SHARE: PRODUCT LAUNCHES—KEY GROWTH STRATEGY ADOPTED BY MARKET PLAYERS

Figure 31 GEOGRAPHIC REVENUE MIX OF TOP FIVE MARKET PLAYERS

Figure 32 THERMO FISHER SCIENTIFIC INC.: COMPANY SNAPSHOT

Figure 33 GE HEALTHCARE: COMPANY SNAPSHOT (2015)

Figure 34 SARTORIUS STEDIM BIOTECH S.A.: COMPANY SNAPSHOT (2015)

Figure 35 MERCK MILLIPORE: COMPANY SNAPSHOT (2015)

Figure 36 DANAHER CORPORATION: COMPANY SNAPSHOT (2015)

Figure 37 3M COMPANY: COMPANY SNAPSHOT (2015)

Figure 38 BOEHRINGER INGELHEIM: COMPANY SNAPSHOT (2015)

Figure 39 LONZA GROUP AG: COMPANY SNAPSHOT (2015)

Figure 40 EPPENDORF AG: COMPANY SNAPSHOT (2015)

I would like to order

Product name: Downstream Processing Market by Technique (Separation, Concentration, Purification), Product (Chromatography Column & Resin, Filter, Single use), Application (Mab Production), End User (Contract Manufacturing Organization) - Global Forecast to 2021

Product link: <https://marketpublishers.com/r/D027C8A12A7EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/D027C8A12A7EN.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