High Throughput Process Development Market - Forecast to 2021

Description: Growth in the high throughput process development market is mainly driven by the increasing R&D spending, technological advancements in process development, growth in the biopharmaceutical industry, and growing pressure to lower the cost of manufacturing. However, factors such as the high cost of technology and equipment in this market and lack of adequate infrastructural facilities are restraining the growth of this market to a certain extent.

In recent years, the Asia-Pacific market for high throughput process development has witnessed a significant growth due to the increasing R&D spending, growing trend of outsourcing, growing public-private partnerships, and increasing government funding for infrastructural development are driving the growth of the Asia-Pacific high throughput process development market.

In this report, the global high throughput process development market is segmented on the basis of molecule type, end user, process, product and service, and region. On the basis of molecule type, the market is classified into monoclonal antibodies, vaccine, recombinant insulin, human growth hormones, and others (interferons and interleukins). In 2016, the monoclonal antibodies segment accounted for the largest share of the market due the increasing adoption of targeted immunotherapy and the increasing number of U.S. FDA-cleared therapeutic monoclonal antibodies.

On the basis of end user, the market is segmented into biopharmaceutical manufacturers and contract manufacturing organizations. In 2016, the biopharmaceutical manufacturer accounted for the largest share of the market. The contract manufacturing organizations segment, on the other hand, is expected to be the fastest-growing end-user segment of the market during the forecast period. High R&D investments by biotechnology companies to accelerate drug manufacturing and increasing pressure from regulatory authorities to lower the cost of production are the major factors driving the growth of the biopharmaceutical manufacturers' end-user segment.

New and innovative product launches was the dominant strategy adopted by key industry participants to increase their market share and cater to unmet needs.

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 threats), winning imperatives, and burning issues. 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, high-growth regions, and initiatives of governments. 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 high throughput process development 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 high throughput process development 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 high throughput process development market
- Product Development/Innovation: Detailed insights on the upcoming technologies, research & development activities, and new product launches in the high throughput process development market
- Market Development: Comprehensive information about lucrative emerging markets—the report analyzes the markets for high throughput process development products across various regions
- Market Diversification: Exhaustive information about new products, untapped geographies, and recent developments in the high throughput process development market
- Competitive Assessment: In-depth assessment of strategies, products, and manufacturing capabilities of the leading players in the high throughput process development 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 Research Approach
  2.1.1 Key Data From Secondary Sources
  2.1.2 Key Data From Primary Sources
  2.1.2.1 Key Industry Insights
  2.2 Market Size Estimation
  2.3 Market Breakdown and Data Triangulation
  2.4 Assumptions for the Study

3 Executive Summary

4 Premium Insights
  4.1 High Throughput Process Development Market Snapshot: 2016 vs 2021
  4.2 High Throughput Process Development Market, By Product and Region
  4.3 High Throughput Process Development Market, By Molecule Type, 2016 vs 2021 (USD Billion)
  4.4 High Throughput Process Development Market, By Process, 2016 vs 2021 (USD Billion)
  4.5 High Throughput Process Development Market, By End User, 2016 vs 2021 (USD Billion)
  4.6 High Throughput Process Development Market, By Region

5 Market Overview
  5.1 Introduction
  5.2 Market Dynamics
  5.2.1 Drivers
  5.2.1.1 Increasing R&D Spending
  5.2.1.2 Technological Advancements in Process Development
  5.2.1.3 Growth in the Biopharmaceutical Industry
  5.2.1.4 Growing Pressure to Lower the Cost of Manufacturing
  5.2.2 Restraints
  5.2.2.1 High Cost of Advanced High Throughput Process Development Technologies and Lack of Adequate Infrastructural Facilities
  5.2.3 Current Trends
  5.2.3.1 Outsourcing to Contract Manufacturing Organizations
  5.2.3.2 Adoption of Quality By Design (QBD) Principles

6 High Throughput Process Development Market, By Product & Service
  6.1 Introduction
  6.2 Consumables & Reagents
  6.3 Instruments
  6.4 Software & Services

7 High Throughput Process Development Market, By End User
  7.1 Introduction
  7.2 Biopharmaceutical Manufacturers
  7.3 Contract Manufacturing Organizations
8 High Throughput Process Development Market, By Molecule Type
8.1 Introduction
8.2 Monoclonal Antibodies
8.3 Vaccines
8.4 Recombinant Insulin
8.5 Human Growth Hormones
8.6 Other Molecules

9 High Throughput Process Development Market, By Process
9.1 Introduction
9.2 Downstream Processing
9.3 Upstream Processing

10 High Throughput Process Development Market, By Region
10.1 Introduction
10.2 North America
10.2.1 U.S.
10.2.2 Canada
10.3 Europe
10.3.1 Germany
10.3.2 U.K.
10.3.3 Rest of Europe (RoE)
10.4 Asia-Pacific
10.5 Rest of the World (RoW)

11 Competitive Landscape
11.1 Overview
11.2 Comparative Assessment of Key Market Players
11.3 Competitive Situation and Trends
11.3.1 Product Launches
11.3.2 Agreements and Partnerships
11.3.3 Acquisitions
11.3.4 Expansions
11.3.5 Other Strategies

12 Company Profiles
(Overview, Products and Services, Financials, Strategy & Development) -
12.1 Introduction
12.2 Danaher Corporation
12.3 GE Healthcare
12.4 Thermo Fisher Scientific Inc.
12.5 Merck Millipore
12.6 Agilent Technologies, Inc.
12.7 Bio-Rad Laboratories, Inc.
12.8 Eppendorf AG
12.9 Perkinelmer, Inc.
12.10 Sartorius Stedim Biotech
12.11 Tecan Group Ltd.

- 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

List of Tables
Table 1 High Throughput Process Development Market Size, By Product & Service, 2014-2021 (USD Million)
Table 2 High Throughput Process Development Consumables and Reagents Market Size, By Region, 2014-2021 (USD Million)
Table 3 North America: High Throughput Process Development Consumables and Reagents Market Size, By
Table 4 Europe: High Throughput Process Development Consumables and Reagents Market Size, By Country, 2014-2021 (USD Million)

Table 5 High Throughput Process Development Instruments Market Size, By Region, 2014-2021 (USD Million)

Table 6 North America: High Throughput Process Development Instruments Market Size, By Country, 2014-2021 (USD Million)

Table 7 Europe: High Throughput Process Development Instruments Market Size, By Country, 2014-2021 (USD Million)

Table 8 High Throughput Process Development Software and Services Market Size, By Region, 2014-2021 (USD Million)


Table 10 Europe: High Throughput Process Development Software and Services Market Size, By Country, 2014-2021 (USD Million)

Table 11 Global Market Size, By End User, 2014-2021 (USD Million)

Table 12 Market Size for Biopharmaceutical Manufacturers, By Region, 2014-2021 (USD Million)

Table 13 North America: Market Size for Biopharmaceutical Manufacturers, By Country, 2014-2021 (USD Million)

Table 14 Europe: Market Size for Biopharmaceutical Manufacturers, By Country, 2014-2021 (USD Million)

Table 15 Market Size for Contract Manufacturing Organizations, By Region, 2014-2021 (USD Million)

Table 16 North America: Market Size for Contract Manufacturing Organizations, By Country, 2014-2021 (USD Million)

Table 17 Europe: Market Size for Contract Manufacturing Organizations, By Country, 2014-2021 (USD Million)

Table 18 Market Size, By Molecule Type, 2014-2021 (USD Million)

Table 19 Therapeutic Monoclonal Antibodies Approved By Fda in 2016

Table 20 Market Size for Monoclonal Antibodies, By Region, 2014-2021 (USD Million)

Table 21 North America: Market Size for Monoclonal Antibodies, By Country, 2014-2021 (USD Million)

Table 22 Europe: Market Size for Monoclonal Antibodies, By Country, 2014-2021 (USD Million)

Table 23 Market Size for Vaccines, By Region, 2014-2021 (USD Million)

Table 24 North America: Market Size for Vaccines, By Country, 2014-2021 (USD Million)

Table 25 Europe: Market Size for Vaccines, By Country, 2014-2021 (USD Million)

Table 26 Market Size for Recombinant Insulin, By Region, 2014-2021 (USD Million)

Table 27 North America: Market Size for Recombinant Insulin, By Country, 2014-2021 (USD Million)

Table 28 Europe: Market Size for Recombinant Insulin, By Country, 2014-2021 (USD Million)

Table 29 Market Size for Human Growth Hormones, By Region, 2014-2021 (USD Million)

Table 30 North America: Market Size for Human Growth Hormones, By Country, 2014-2021 (USD Million)

Table 31 Europe: Market Size for Human Growth Hormones, By Country, 2014-2021 (USD Million)

Table 32 Market Size for Other Molecules, By Region, 2014-2021 (USD Million)

Table 33 North America: Market Size for Other Molecules, By Country, 2014-2021 (USD Million)

Table 34 Europe: Market Size for Other Molecules, By Country, 2014-2021 (USD Million)

Table 35 Market Size, By Process, 2014-2021 (USD Million)

Table 36 Market Size for Downstream Processing, By Region, 2014-2021 (USD Million)

Table 37 North America: Market Size for Downstream Processing, By Country, 2014-2021 (USD Million)

Table 38 Europe: Market Size for Downstream Processing, By Country, 2014-2021 (USD Million)

Table 39 Market Size for Upstream Processing, By Region, 2014-2021 (USD Million)

Table 40 North America: Market Size for Upstream Processing, By Country, 2014-2021 (USD Million)

Table 41 Europe: Market Size for Upstream Processing, By Country, 2014-2021 (USD Million)

Table 42 Market Size, By Product & Service, 2014-2021 (USD Million)

Table 43 North America: Market Size, By Product & Service, 2014-2021 (USD Million)

Table 44 North America: Market Size, By End User, 2014-2021 (USD Million)

Table 45 North America: Market Size, By Molecule Type, 2014-2021 (USD Million)

Table 46 North America: Market Size, By Process, 2014-2021 (USD Million)

Table 47 U.S.: Market Size, By Product & Service, 2014-2021 (USD Million)

Table 48 U.S.: Market Size, By End User, 2014-2021 (USD Million)

Table 49 U.S.: Market Size, By Molecule Type, 2014-2021 (USD Million)

Table 50 U.S.: Market Size, By Process, 2014-2021 (USD Million)

Table 51 Canada: Market Size, By Product & Service, 2014-2021 (USD Million)

Table 52 Canada: Market Size, By End User, 2014-2021 (USD Million)

Table 53 Canada: Market Size, By Molecule Type, 2014-2021 (USD Million)

Table 54 Canada: Market Size, By Process, 2014-2021 (USD Million)

Table 55 Canada: Market Size, By Country, 2014-2021 (USD Million)

Table 56 Europe: Market Size, By Country, 2014-2021 (USD Million)

Table 57 Europe: Market Size, By Product & Service, 2014-2021 (USD Million)
Table 58 Europe: Market Size, By End User, 2014-2021 (USD Million)
Table 59 Europe: Market Size, By Molecule Type, 2014-2021 (USD Million)
Table 60 Europe: Market Size, By Process, 2014-2021 (USD Million)
Table 61 Germany: Market Size, By Product & Service, 2014-2021 (USD Million)
Table 62 Germany: Market Size, By End User, 2014-2021 (USD Million)
Table 63 Germany: Market Size, By Molecule Type, 2014-2021 (USD Million)
Table 64 Germany: Market Size, By Process, 2014-2021 (USD Million)
Table 65 U.K.: Market Size, By Product & Service, 2014-2021 (USD Million)
Table 66 U.K.: Market Size, By End User, 2014-2021 (USD Million)
Table 67 U.K.: Market Size, By Molecule Type, 2014-2021 (USD Million)
Table 68 U.K.: Market Size, By Process, 2014-2021 (USD Million)
Table 69 RoE: Market Size, By Product & Service, 2014-2021 (USD Million)
Table 70 RoE: Market Size, By End User, 2014-2021 (USD Million)
Table 71 RoE: Market Size, By Molecule Type, 2014-2021 (USD Million)
Table 72 RoE: Market Size, By Process, 2014-2021 (USD Million)
Table 73 Asia-Pacific: Market Size, By Product & Service, 2014-2021 (USD Million)
Table 74 Asia-Pacific: Market Size, By End User, 2014-2021 (USD Million)
Table 75 Asia-Pacific: Market Size, By Molecule Type, 2014-2021 (USD Million)
Table 76 Asia-Pacific: Market Size, By Process, 2014-2021 (USD Million)
Table 77 RoW: Market Size, By Product & Service, 2014-2021 (USD Million)
Table 78 RoW: Market Size, By End User, 2014-2021 (USD Million)
Table 79 RoW: Market Size, By Molecule Type, 2014-2021 (USD Million)
Table 80 RoW: Market Size, By Process, 2014-2021 (USD Million)
Table 81 Product Launches, 2014-2016
Table 82 Agreements and Partnerships, 2014-2016
Table 83 Acquisitions, 2014-2016
Table 84 Expansions, 2014-2016
Table 85 Other Strategies, 2014-2016

List of Figures

Figure 1 Research Design
Figure 2 Breakdown of Primary Interviews: By Company Type, Designation, and Region
Figure 3 Market: Top-Down Approach
Figure 4 Market: Bottom-Up Approach
Figure 5 Market Data Triangulation Methodology
Figure 6 Global Market, By Molecule Type, 2016 vs 2021
Figure 7 Global Market, By End User, 2016 vs 2021
Figure 8 Global Market, By Process, 2016 vs 2021
Figure 9 Global Market, By Product and Service, 2016 vs 2021
Figure 10 Geographical Snapshot of the Market
Figure 11 Increasing Demand for Biopharmaceuticals is an Important Growth Driver
Figure 12 Consumables and Reagents Accounted for the Largest Market Share in 2016
Figure 13 Monoclonal Antibodies Segment Dominated the Market, By Molecule Type, in 2016
Figure 14 Downstream Processing Segment Dominated the Market in 2016
Figure 15 Biopharmaceutical Manufacturers Dominated the End-User Market in 2016
Figure 16 Asia-Pacific to Grow at the Highest Rate During the Forecast Period
Figure 17 High-Throughput Process Development Market: Drivers and Restraints
Figure 18 Pharmaceutical R&D Expenditure, By Region/Country, 2000 vs 2010 vs 2014
Figure 19 Consumables and Reagents Segment to Dominate the Market During the Forecast Period
Figure 20 Biopharmaceutical Manufacturers to Form the Largest End-User Segment in the Market
Figure 21 Monoclonal Antibodies Commanded the Largest Share of the Global Market in 2016
Figure 22 Downstream Processing Commanded the Largest Share of the Global Market in 2016
Figure 23 Market Size, By Region, 2016 vs 2021 (USD Million)
Figure 24 North America: Market Snapshot
Figure 25 Asia-Pacific: Market Snapshot
Figure 26 Companies Majorly Pursued the Strategy of Product Launches to Enhance Their Market Presence
Figure 27 Battle for Market Share: Product Launches-Key Growth Strategy Adopted By Market Players
Figure 28 Geographic Revenue Mix of the Prominent Players in the High Throughput Process Development Market
Figure 29 Danaher Corporation: Company Snapshot (2015)
Figure 30 GE Healthcare: Company Snapshot (2015)
Figure 31 Thermo Fisher Scientific Inc.: Company Snapshot (2015)
Ordering:

Order Online - http://www.researchandmarkets.com/reports/4200561/

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: High Throughput Process Development Market - Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/4200561/
Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Formats</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title:  
Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp