Cell-based Assays Market by Product, Applications, End User, & Region - Global Forecast to 2020

Description: “Cell-based Assays Market by Product (Cell Lines, Reagents, Kits, Instruments, Software, Services), Applications (Research, Drug Discovery, ADME Studies, Toxicology), End User (Pharmaceutical Companies, Academics, CRO), & Region - Global Forecast to 2020”

The global cell-based assays market is expected to reach USD 18,329.37 million by 2020 from USD 10,799.53 million in 2015, growing at a CAGR of 11.16% between 2015 and 2020. The product segments included in this report are consumables, instruments, services and software. The consumables segment is further divided on the basis of type into reagents and assay kits, cell lines, micro plates. Reagents and assay kits segment is further divided into reporter gene assays, second messenger assays, cell growth assays, cell death assays and other assays. Cell lines segment is further classified into immortalized cell lines, primary cell lines and stem cell lines. On the basis of applications; the report is segmented into basic research, drug discovery, predictive toxicology, ADME studies and other applications. The drug discovery had the largest share of the cell-based assays market in 2015. The predictive toxicology is expected to be one of the fastest growing applications between 2015 and 2020.

The geographic segments included in this report are North America, Europe, Asia and Rest of the World (RoW). The geographic analysis reveals that North America accounted for the largest share in the global cell-based assays market in 2015. Asia regional segment, on the other hand, is expected to register a faster growth from 2015 to 2020.

The key driver for this market is increased R&D spending on research. Furthermore, growing benefits of cell-based assays over other methods, their increasing adoption in drug discovery, and advancements in automation and high-throughput techniques will aid market growth.

A combination of bottom-up and top-down approaches were used to calculate the market sizes and growth rates of the global cell-based assays market and its sub-segments. Secondary information was used to identify the overall revenues, geographic reach, and product portfolios of the market players. Estimates of their cell-based assays product segment revenues were validated through primary interviews. Primary interviews with key opinion leaders were also used to determine percentage shares of each sub segment and the relative differences in the growth rates.

The report provides qualitative insights about key market shares, growth rates, and market drivers for all important sub segments. It maps the market sizes and growth rates of each sub segment and identifies the segments poised for rapid growth in each of the geographic segments. The report also includes company profiles of the market leaders. These company profiles include financial performances, product portfolios, and market developments for each company. The report also provides a competitive landscape of the cell-based assays market. The competitive landscape covers the growth strategies adopted by the industry players over the last four years. It also includes analysis of industry developments like new product launches, expansions, agreements and collaborations and acquisitions.

Reasons to Buy the Report:

The report will enable both established firms and new entrants to gauge the pulse of the market and help them make important strategic growth decisions.

The report provides insights on the following:

- Product Development: Product portfolios of the top players in the cell-based assays market.
- Competitive Assessment: In-depth assessment of the market shares, strategies, geographic and business segments, and product portfolios of the leading players in the cell-based assays market.
- Market Development: Comprehensive information about the lucrative emerging markets. The report analyzes the market for various cell-based assays products across geographies.
Contents:

1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Market Scope
1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency
1.5 Limitations
1.6 Stakeholders

2 Research Methodology
2.1 Market Size Estimation
2.2 Market Breakdown and Data Triangulation
2.3 Market Share Estimation
2.3.1 Key Data From Secondary Sources
2.3.2 Key Data From Primary Sources
2.3.3 Assumptions for the Study

3 Executive Summary

4 Premium Insights
4.1 Lucrative Opportunities in the Cell-Based Assays Market
4.2 Life Cycle Analysis, by Region

5 Market Overview
5.1 Introduction
5.1.1 by Product
5.1.2 by Application
5.1.3 by End User
5.2 Market Dynamics
5.2.1 Drivers
5.2.1.1 Increase in R&D Investments
5.2.1.2 Government Funding and Public-Private Partnerships Supporting Cell-Based Research Activities
5.2.1.3 Advantages of Cell-Based Assays Over Prevalent Technologies
5.2.1.4 Drug Discovery, a Major Driver for the Cell-Based Assays Market
5.2.2 Restraints
5.2.2.1 High Instrument Costs
5.2.2.2 Stringent Regulatory Policies
5.2.2.3 Intellectual Property Rights Issues Restricting Innovations in the Market
5.2.3 Opportunities
5.2.3.1 Asian Region Offers High-Growth Opportunities
5.2.3.2 Developments in High-Content Screening and Software to Transform Cell-Based Screening
5.2.4 Trends
5.2.4.1 Label-Free Technologies Are Set to Transform the Market

6 Cell-Based Assays Market, by Product
6.1 Introduction
6.2 Consumables
6.2.1 Reagents & Assay Kits
6.2.1.1 Reporter Gene Assays
6.2.1.2 Second Messenger Assays
6.2.1.3 Cell Growth Assays
6.2.1.4 Cell Death Assays
6.2.1.5 Other Assays
6.2.2 Microplates
6.2.3 Cell Lines
6.2.3.1 Immortalized Cell Lines
6.2.3.2 Primary Cell Lines
6.2.3.3 Stem Cell Lines
6.2.4 Other Consumables
6.3 Instruments
6.4 Services
6.5 Software
Table 3 Market Growth Restrained by High Instrument Costs
Table 4 Emerging Economies Present Significant Growth Opportunities
Table 5 Label-Free Technologies Are An Important Market Trend
Table 6 Cell-Based Assays Market Size, by Product, 2013-2020 (USD Million)
Table 7 Cell-Based Assays Market Size for Consumables, by Region, 2013-2020 (USD Million)
Table 8 Cell-Based Assays Market Size for Consumables, by Type, 2013-2020 (USD Million)
Table 9 Cell-Based Assays Market Size for Reagents & Assay Kits, by Region, 2013-2020 (USD Million)
Table 10 Cell-Based Assays Market for Reagents & Assay Kits, by Type, 2013-2020 (USD Million)
Table 11 Cell-Based Assays Market Size for Reporter Gene Assays, by Region, 2013-2020 (USD Million)
Table 12 Cell-Based Assays Market Size for Second Messenger Assays, by Region, 2013-2020 (USD Million)
Table 13 Cell-Based Assays Market Size for Cell Growth Assays, by Region, 2013-2020 (USD Million)
Table 14 Cell-Based Assays Market Size for Cell Death Assays, by Region, 2013-2020 (USD Million)
Table 15 Cell-Based Assays Market Size for Other Assays, by Region, 2013-2020 (USD Million)
Table 16 Cell-Based Assays Market Size for Microplates, by Region, 2013-2020 (USD Million)
Table 17 Cell-Based Assays Market Size for Cell Lines, by Region, 2013-2020 (USD Million)
Table 18 Cell-Based Assays Market for Cell Lines, by Type, 2013-2020 (USD Million)
Table 19 Cell-Based Assays Market Size for Immortalized Cell Lines, by Region, 2013-2020 (USD Million)
Table 20 Cell-Based Assays Market Size for Primary Cell Lines, by Region, 2013-2020 (USD Million)
Table 21 Cell-Based Assays Market Size for Stem Cell Lines, by Region, 2013-2020 (USD Million)
Table 22 Cell-Based Assays Market Size for Other Consumables, by Region, 2013-2020 (USD Million)
Table 23 Cell-Based Assays Market Size for Instruments, by Region, 2013-2020 (USD Million)
Table 24 Cell-Based Assays Market Size for Services, by Region, 2013-2020 (USD Million)
Table 25 Cell-Based Assays Market Size for Software, by Region, 2013-2020 (USD Million)
Table 26 Cell-Based Assays Market Size, by Application, 2013-2020 (USD Million)
Table 27 Cell-Based Assays Market Size for Drug Discovery Application, by Region, 2013-2020 (USD Million)
Table 28 Cell-Based Assays Market Size for Basic Research Application, by Region, 2013-2020 (USD Million)
Table 29 Cell-Based Assays Market Size for Adme Studies Application, by Region, 2013-2020 (USD Million)
Table 30 Cell-Based Assays Market Size for Predictive Toxicology Application, by Region, 2013-2020 (USD Million)
Table 31 Cell-Based Assays Market Size for Other Applications, by Region, 2013-2020 (USD Million)
Table 32 Cell-Based Assays Market Size, by End User, 2013-2020 (USD Million)
Table 33 Cell-Based Assays Market Size for Pharmaceutical & Biotechnology Companies, by Region, 2013-2020 (USD Million)
Table 34 Cell-Based Assays Market Size for Academic & Government Institutions, by Region, 2013-2020 (USD Million)
Table 35 Cell-Based Assays Market Size for Contract Research Organizations, by Region, 2013-2020 (USD Million)
Table 36 Cell-Based Assays Market Size for Other End Users, by Region, 2013-2020 (USD Million)
Table 37 Cell-Based Assays Market Size, by Region, 2013-2020 (USD Million)
Table 38 North America: Cell-Based Assays Market Size, by Country, 2013-2020 (USD Million)
Table 39 North America: Cell-Based Assays Market Size, by Product, 2013-2020 (USD Million)
Table 40 North America: Cell-Based Assays Market Size for Consumables, by Type, 2013-2020 (USD Million)
Table 41 North America: Cell-Based Assays Market Size for Cell Lines, by Region, 2013-2020 (USD Million)
Table 42 North America: Cell-Based Assays Market Size, by Application, 2013-2020 (USD Million)
Table 43 North America: Cell-Based Assays Market Size, by End User, 2013-2020 (USD Million)
Table 44 U.S.: Cell-Based Assays Market Size, by Product, 2013-2020 (USD Million)
Table 45 U.S.: Cell-Based Assays Market Size for Consumables, by Type, 2013-2020 (USD Million)
Table 46 U.S.: Cell-Based Assays Market Size for Reagents & Assay Kits, by Type, 2013-2020 (USD Million)
Table 47 U.S.: Cell-Based Assays Market Size, by Application, 2013-2020 (USD Million)
Table 48 U.S.: Cell-Based Assays Market Size, by End User, 2013-2020 (USD Million)
Table 49 Canada: Cell-Based Assays Market Size, by Region, 2013-2020 (USD Million)
Table 50 Canada: Cell-Based Assays Market Size for Consumables, by Type, 2013-2020 (USD Million)
Table 51 Canada: Cell-Based Assays Market Size for Reagents & Assay Kits, by Type, 2013-2020 (USD Million)
Table 52 Canada: Cell-Based Assays Market Size, by Application, 2013-2020 (USD Million)
Table 53 Canada: Cell-Based Assays Market Size, by End User, 2013-2020 (USD Million)
Table 54 Europe: Cell-Based Assays Market Size for Reagents & Assay Kits, by Type, 2013-2020 (USD Million)
Table 55 Europe: Cell-Based Assays Market Size for Consumables, by Type, 2013-2020 (USD Million)
Table 56 Europe: Cell-Based Assays Market Size for Other Assays, by Region, 2013-2020 (USD Million)
Table 57 Europe: Cell-Based Assays Market Size, by Application, 2013-2020 (USD Million)
Table 58 Europe: Cell-Based Assays Market Size, by End User, 2013-2020 (USD Million)
Table 59 Asia: Cell-Based Assays Market Size, by Product, 2013-2020 (USD Million)
Table 60 Asia: Cell-Based Assays Market Size for Consumables, by Type, 2013-2020 (USD Million)
Table 61 Asia: Cell-Based Assays Market Size for Reagents & Assay Kits, by Type, 2013-2020 (USD Million)
Table 62 Asia: Cell-Based Assays Market Size, by Application, 2013-2020 (USD Million)
Table 63 Asia: Cell-Based Assays Market Size, by End User, 2013-2020 (USD Million)
Table 64 ROW: Cell-Based Assays Market Size, by Product, 2013-2020 (USD Million)
Table 65 ROW: Cell-Based Assays Market Size for Consumables, by Type, 2013-2020 (USD Million)
Table 66 ROW: Cell-Based Assays Market Size for Reagents & Assay Kits, by Type, 2013-2020 (USD Million)
Table 67 ROW: Cell-Based Assays Market Size, by Application, 2013-2020 (USD Million)
Table 68 ROW: Cell-Based Assays Market Size, by End User, 2013-2020 (USD Million)
Table 69 Market Developments Between January 2013 and September 2015
Table 70 New Product Launches, January 2013 to September 2015
Table 71 Acquisitions, January 2013 to September 2015
Table 72 Collaborations and Agreements, January 2013 to September 2015
Table 73 Expansions, January 2013 to September 2015
Table 74 Other Developments, January 2013 to September 2015

List of Figures:
Figure 1 Cell-Based Assays Market
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 Data Triangulation Methodology
Figure 7 Cell-Based Assays Market Size, by Product, 2015 Vs. 2020 (USD Million)
Figure 8 Consumables Market Size, by Type, 2015 Vs. 2020 (USD Million)
Figure 9 Reagents & Kits Market Size, by Type, 2015 Vs. 2020 (USD Million)
Figure 10 Cell Lines Market Size, by Type, 2015 Vs. 2020 (USD Million)
Figure 11 Cell-Based Assays Market Size, by Application, 2015 Vs. 2020 (USD Million)
Figure 12 Cell-Based Assays Market Size, by End User, 2015 Vs. 2020 (USD Million)
Figure 13 Cell-Based Assays Market Size, by Region, 2015 Vs. 2020 (USD Million)
Figure 14 Global Cell-Based Assays Market to Witness Moderate Growth During the Forecast Period
Figure 15 Pharmaceutical & Biotechnology Companies End-User Segment to Dominate the Cell-Based Assays Market
Figure 16 Asia to Witness Highest Growth Rate During the Forecast Period
Figure 17 Asian Market Showcases Lucrative Growth Opportunities
Figure 18 Cell-Based Assays Market Segmentation: by Product
Figure 19 Cell-Based Assays Market Segmentation: by Application
Figure 20 Cell-Based Assays Market Segmentation: by End User
Figure 21 Increasing R&D Spending Will Drive the Cell-Based Assays Market During the Forecast Period
Figure 22 Increasing R&D Investments Boosting Growth in the Cell-Based Assays Market
Figure 23 Cell-Based Assays Market Segmentation, by Product
Figure 24 Cell-Based Assays Market, by Product, 2015 (USD Million)
Figure 25 North America Accounts for the Largest Share of the Consumables Market in 2015
Figure 26 Cell-Based Assays Market for Consumables, by Type, 2015 Vs. 2020 (USD Million)
Figure 27 Cell-Based Assays Market for Reagents & Assay Kits, by Type, 2015 Vs. 2020 (USD Million)
Figure 28 North America Accounts for the Largest Share of the Instruments Market in 2015
Figure 29 North America Accounts for the Largest Share of the Services Market in 2015
Figure 30 North America Accounts for the Largest Share of the Software Market in 2015
Figure 31 Cell-Based Assays Market Segmentation, by Application
Figure 32 Drug Discovery Accounts for the Largest Application Segment of the Cell-Based Assays Market in 2015
Figure 33 North America to Command the Largest Share of the Drug Discovery Application Segment in 2015
Figure 34 North America to Dominate the Cell-Based Assays Market for Basic Research Application in 2015
Figure 35 North America to Command the Largest Share of the Adme Studies Application Segment in 2015
Figure 36 North America to Command the Largest Share of the Predictive Toxicology Application Segment in 2015
Figure 37 North America to Command the Largest Share of the Other Applications Segment in 2015
Figure 38 Cell-Based Assays Market Segmentation, by End User
Figure 39 Cell-Based Assays Market Size, by End User, 2015 (USD Million)
Figure 40 North America to Dominate the Cell-Based Assays Market for Pharmaceutical & Biotechnology Companies in 2015
Figure 41 Cell-Based Assays Market for Academic & Government Institutions to Witness Highest Growth in Asia Between 2015 and 2020
Figure 42 North America to Dominate the Cell-Based Assays Market for Contract Research Organizations
Between 2015 and 2020
Figure 43 Cell-Based Assays Market for Other End Users to Witness Highest Growth in Asia Between 2015 and 2020
Figure 44 Asia to Grow at the Highest Rate in the Cell-Based Assays Market During the Forecast Period
Figure 45 Geographic Snapshot (2015)
Figure 46 North America: Market Snapshot
Figure 47 the U.S. is Estimated to Dominate the North American Cell-Based Assays Market in 2015
Figure 48 Consumables Estimated to be the Largest Product Segment in the North American Cell-Based Assays Market in 2015
Figure 49 Reagents & Assay Kits Estimated to be the Largest Segment in the North American Consumables Market in 2015
Figure 50 Reporter Gene Assays Estimated to be the Largest Segment in the North American Reagents & Assay Kits Market in 2015
Figure 51 Drug Discovery to Account for the Largest Share of the Application Market in North America in 2015
Figure 52 Pharmaceutical & Biotechnology Companies to Account for the Largest Share of the End-User Market in North America
Figure 53 Consumables Estimated to be the Largest Product Segment in the U.S. Cell-Based Assays Market in 2015
Figure 54 Reagents & Assay Kits Estimated to be the Largest Segment in the U.S. Consumables Market in 2015
Figure 55 Reporter Gene Assays Estimated to be the Largest Segment in the U.S. Reagents & Assay Kits Market in 2015
Figure 56 Drug Discovery to Account for the Largest Application of the U.S. Cell-Based Assays Market in 2015
Figure 57 Pharmaceutical & Biotechnology Companies to Account for the Largest Share of the End-User Market in the U.S.
Figure 58 Consumables Estimated to be the Largest Product Segment in the Cell-Based Assays Market in Canada in 2015
Figure 59 Reagents & Assay Kits Estimated to be the Largest Product Segment in the Consumables Market in Canada in 2015
Figure 60 Reporter Gene Assays Estimated to be the Largest Product Segment in the Reagents & Assay Kits Market in Canada in 2015
Figure 61 Drug Discovery to Account for the Largest Application of the Cell-Based Assays Market in Canada in 2015
Figure 62 Pharmaceutical & Biotechnology Companies to Account for the Largest Share of the End-User Market in Canada
Figure 63 Consumables Estimated to be the Largest Product Segment in the European Cell-Based Assays Market in 2015
Figure 64 Reagents & Assay Kits Estimated to be the Largest Segment in the European Consumables Market in 2015
Figure 65 Reporter Gene Assays Estimated to be the Largest Segment in the European Reagents & Assay Kits Market in 2015
Figure 66 Drug Discovery to Account for the Largest Share of the Cell-Based Assays Application Market in Europe in 2015
Figure 67 Pharmaceutical & Biotechnology Companies to Account for the Largest Share of the Cell-Based Assays End-User Market in Europe
Figure 68 Asia: Market Snapshot
Figure 69 Consumables Estimated to be the Largest Product Segment in the Asian Market in 2015
Figure 70 Reagents & Assay Kits Estimated to be the Largest Segment in the Asian Consumables Market in 2015
Figure 71 Reporter Gene Assays Estimated to be the Largest Segment in the Asian Reagents & Assay Kits Market in 2015
Figure 72 Drug Discovery to Account for the Largest Share of the Cell-Based Assays Applications Market in Asia in 2015
Figure 73 Pharmaceutical & Biotechnology Companies to Account for the Largest Share of the Cell-Based Assays End-User Market in Asia
Figure 74 Consumables Estimated to be the Largest Product Segment in the ROW Cell-Based Assays Market in 2015
Figure 75 Reagents & Assay Kits Estimated to be the Largest Segment in the ROW Consumables Market in 2015
Figure 76 Reporter Gene Assays Estimated to be the Largest Segment in the ROW Reagents & Assay Kits Market in 2015
Figure 77 Drug Discovery to Account for the Largest Share of the ROW Cell-Based Assays Applications Market
in 2015
Figure 78 Pharmaceutical & Biotechnology Companies to Account for the Largest Share of the ROW Cell-Based Assays End-User Market
Figure 79 New Products Launches is the Key Growth Strategy Adopted by Players in the Cell-Based Assays Market
Figure 80 Cell-Based Assays Market Share Analysis, by Key Player, 2015
Figure 81 Financial Performances of the Leading Market Players
Figure 82 Company Snapshot: Becton, Dickinson and Company
Figure 83 Company Snapshot: Danaher Corporation
Figure 84 Company Snapshot: General Electric Company
Figure 85 Company Snapshot: Merck & Co., Inc.
Figure 86 Company Snapshot: Perkinelmer, Inc.
Figure 87 Company Snapshot: Thermo Fisher Scientific, Inc.

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: Cell-based Assays Market by Product, Applications, End User, & Region - Global Forecast to 2020
Web Address: http://www.researchandmarkets.com/reports/3456809/
Office Code: SCDK3BB3

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 4650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 7150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 9000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: _________________________________
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:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

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

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World