Liquid Biopsy Market by Cancer Type, Circulating Biomarkers, Product, End Use - Forecast to 2021

Description: Growing Funding for Research on Liquid Biopsy and Technological Advancements to Boost the Growth of the Liquid Biopsy Market

The liquid biopsy market is expected to reach USD 1.66 billion by 2021 from USD 0.58 billion in 2016, growing at a CAGR of 23.4% during the forecast period of 2016 to 2021. Liquid biopsy is a non-invasive alternative to invasive solid tumor biopsies; it detects biomarkers from primary tumors and from metastatic sites to ascertain genetic information about tumors.

This report segments the liquid biopsy market on the basis of cancer type, circulating biomarkers, end users, products & services, and regions.

Based on cancer type, the market is segmented into lung cancer, breast cancer, colorectal cancer, prostate cancer, liver cancer, and other cancers (melanoma, bladder cancer, and ovarian cancer). Based on circulating biomarkers, the liquid biopsy market is segmented into circulating tumor DNA (ctDNA), circulating tumor cells (CTCs), extracellular vesicles (EVs), and other biomarkers (circulating RNA and protein). The circulating tumor cells segment is expected to account for the largest share of the global liquid biopsy market in 2016, followed by the circulating tumor DNA segment.

Based on end user, the liquid biopsy market is classified into hospital/physician laboratories, reference laboratories, academic and research centers and other end users. The other end-users segment includes public health laboratories, pathology laboratories, and small molecular laboratories. Similarly, based on products and services, the liquid biopsy market is segmented into instruments, reagents, and services and software.

A number of factors, such as technological advancements, increasing number of new cancer cases, benefits of liquid biopsy over solid tumor biopsy, availability of funding, and growing awareness about liquid biopsy through conferences and government initiatives are driving the growth of the liquid biopsy market. However, the unclear regulatory and reimbursement scenario is one of the major factors restraining the growth of this market.

Biocept Inc. (U.S.), Myriad Genetics (U.S.), QIAGEN (Netherlands), Roche (Switzerland), Bio-Rad Laboratories Inc. (U.S.), Trovagene Inc. (U.S.), Guardant Health, Inc. (U.S.), Janssen Diagnostics, LLC (U.S.), Fraunhofer-Gesellschaft (Germany), and MDxHealth SA (U.S.) are the major players in the liquid biopsy market.

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 liquid biopsy 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 global liquid biopsy market
- Product Development/Innovation: Detailed insights on the upcoming technologies, research & development activities, and new product launches in the liquid biopsy market
- Market Development: Comprehensive information about lucrative emerging markets—the report analyzes the markets for liquid biopsy across various regions
- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the global liquid biopsy market
- Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing
capabilities of the leading players in the liquid biopsy market

Contents:

1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Markets 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
2.2.1 Key Data From Secondary Sources
2.2.2 Key Data From Primary Sources
2.2.3 Assumptions for the Study

3 Executive Summary
3.1 Introduction
3.2 Current Scenario
3.3 Future Outlook
3.4 Conclusion

4 Premium Insights
4.1 Liquid Biopsy: Market Overview
4.2 Geographic Analysis: Liquid Biopsy Market, By Circulating Biomarker
4.3 Market Size, By End User, 2016 vs 2021
4.4 Market Size, By Product, 2016 vs 2021
4.5 Market Size, By Circulating Biomarker, 2016 vs 2021
4.6 Geographical Snapshot of the Market

5 Market Overview
5.1 Introduction
5.2 Market Dynamics
5.2.1 Market Drivers
5.2.1.1 Increasing Number of New Cancer Cases
5.2.1.2 Benefits of Liquid Biopsy Over Surgical Biopsy
5.2.1.3 Technological Advancements to Boost Market Growth
5.2.1.4 Availability of Funding for Liquid Biopsy Research
5.2.1.5 Initiatives to Increase Awareness on Liquid Biopsy
5.2.2 Market Restraints
5.2.2.1 Low Sensitivity and Specificity
5.2.3 Market Opportunities
5.2.3.1 Focus on Inorganic Strategies
5.2.4 Market Challenges
5.2.4.1 Unclear Regulatory and Reimbursement Scenario

6 Industry Insights
6.1 Introduction
6.2 Regulatory Approval Process
6.3 Major Ongoing Clinical Trials in the Market
6.4 Major Funding Activities in the Market

7 Liquid Biopsy Market, By Cancer Type
7.1 Introduction
7.1.1 Lung Cancer
7.2 Breast Cancer
7.2.1 Colorectal Cancer
7.2.2 Prostate Cancer
7.2.3 Liver Cancer
14.7 Related Reports

List of Tables

Table 1 Liquid Biopsy Products Launched in Recent Years
Table 2 Funds Provided for Liquid Biopsy, 2013-2016
Table 3 Conferences and Awareness Programs on Liquid Biopsy
Table 4 Market: Inorganic Strategies (2015-16)
Table 5 Liquid Biopsy Clinical Trials
Table 6 Funding in Market
Table 7 Market Size, By Cancer Type, 2014-2021 (USD Million)
Table 8 Global Market Size for Lung Cancer, By Region, 2014-2021 (USD Million)
Table 9 North America: Market Size for Lung Cancer, By Country, 2014-2021 (USD Million)
Table 10 Impact of Aging on Breast Cancer Development
Table 11 Global Market Size for Breast Cancer, By Region, 2014-2021 (USD Million)
Table 12 North America: Market Size for Breast Cancer, By Country, 2014-2021 (USD Million)
Table 13 Global Market Size for Colorectal Cancer, By Region, 2014-2021 (USD Million)
Table 14 North America: Market Size for Colorectal Cancer, By Country, 2014-2021 (USD Million)
Table 15 Global Market Size for Prostate Cancer, By Region, 2014-2021 (USD Million)
Table 16 North America: Market Size for Prostate Cancer, By Country, 2014-2021 (USD Million)
Table 17 Global Market Size for Liver Cancer, By Region, 2014-2021 (USD Million)
Table 18 North America: Market Size for Liver Cancer, By Country, 2014-2021 (USD Million)
Table 19 Global Market Size for Other Cancers, By Region, 2014-2021 (USD Million)
Table 20 North America: Market Size for Other Cancers, By Country, 2014-2021 (USD Million)
Table 21 Market Size, By Circulating Biomarker, 2014-2021 (USD Million)
Table 22 Market Size for Circulating Tumor Cells, By Region, 2014-2021 (USD Million)
Table 23 North America: Market Size for Circulating Tumor Cells, By Country, 2014-2021 (USD Million)
Table 24 Market Size for Extracellular Vesicles, By Region, 2014-2021 (USD Million)
Table 25 North America: Market Size for Extracellular Vesicles, By Country, 2014-2021 (USD Million)
Table 26 Market Size for Circulating Tumor DNA, By Region, 2014-2021 (USD Million)
Table 27 North America: Market Size for Circulating Tumor DNA, By Country, 2014-2021 (USD Million)
Table 28 Market Size for Other Biomarkers, By Region, 2014-2021 (USD Million)
Table 29 North America: Market Size for Other Biomarkers, By Country, 2014-2021 (USD Million)
Table 30 Global Market Size, By Products & Services, 2014-2021 (USD Million)
Table 31 Global Liquid Biopsy Reagents Market Size, By Region, 2014-2021 (USD Million)
Table 32 North America: Liquid Biopsy Reagents Market Size, By Country, 2014-2021 (USD Million)
Table 33 Global Liquid Biopsy Instruments Market Size, By Region, 2014-2021 (USD Million)
Table 34 North America: Liquid Biopsy Instruments Market Size, By Country, 2014-2021 (USD Million)
Table 35 Global Liquid Biopsy Services & Software Market Size, By Region, 2014-2021 (USD Million)
Table 36 North America: Liquid Biopsy Services & Software Market Size, By Country, 2014-2021 (USD Million)
Table 37 Liquid Biopsy Market Size, By End User, 2014-2021 (USD Million)
Table 38 Liquid Biopsy Market Size for Reference Laboratories, By Region, 2014-2021 (USD Million)
Table 39 North America: Market Size for Reference Laboratories, By Country, 2014-2021 (USD Million)
Table 40 Market Size for Hospitals and Physician Laboratories, By Region, 2014-2021 (USD Million)
Table 41 North America: Market Size for Hospitals and Physician Laboratories, By Country, 2014-2021 (USD Million)
Table 42 Market Size for Academic and Research Centers, By Region, 2014-2021 (USD Million)
Table 43 North America: Market Size for Academic and Research Centers, By Country, 2014-2021 (USD Million)
Table 44 Market Size for Other End Users, By Region, 2014-2021 (USD Million)
Table 45 North America: Market Size for Other End Users, By Country, 2014-2021 (USD Million)
Table 46 Market Size, By Region, 2014-2021 (USD Million)
Table 47 North America: Market Size, By Country, 2014-2021 (USD Million)
Table 48 North America: Market Size, By Type of Cancer, 2014-2021 (USD Million)
Table 49 North America: Market Size, By Product, 2014-2021 (USD Million)
Table 50 North America: Market Size, By Circulating Biomarker, 2014-2021 (USD Million)
Table 51 North America: Market Size, By End User, 2014-2021 (USD Million)
Table 52 U.S.: Market Size, By Type of Cancer, 2014-2021 (USD Million)
Table 53 U.S.: Market Size, By Product, 2014-2021 (USD Million)
Table 54 U.S.: Market Size, By Circulating Biomarker, 2014-2021 (USD Million)
Table 55 U.S.: Market Size, By End User, 2014-2021 (USD Million)
Table 56 Canada: Market Size, By Type of Cancer, 2014-2021 (USD Million)
Table 57 Canada: Market Size, By Product, 2014-2021 (USD Million)
Table 58 Canada: Market Size, By Circulating Biomarker, 2014-2021 (USD Million)
Table 59 Canada: Market Size, By End User, 2014-2021 (USD Million)
Table 60 Europe: Market Size, By Type of Cancer, 2014-2021 (USD Million)
Table 61 Europe: Market Size, By Product, 2014-2021 (USD Million)
Table 62 Europe: Market Size, By Circulating Biomarker, 2014-2021 (USD Million)
Table 63 Europe: Market Size, By End User, 2014-2021 (USD Million)
Table 64 Asia-Pacific: Market Size, By Type of Cancer, 2014-2021 (USD Million)
Table 65 Asia-Pacific: Market Size, By Product, 2014-2021 (USD Million)
Table 66 Asia-Pacific: Market Size, By Circulating Biomarker, 2014-2021 (USD Million)
Table 67 Asia-Pacific: Market Size, By End User, 2014-2021 (USD Million)
Table 68 RoW: Market Size, By Type of Cancer, 2014-2021 (USD Million)
Table 69 RoW: Market Size, By Product, 2014-2021 (USD Million)
Table 70 RoW: Market Size, By Circulating Biomarker, 2014-2021 (USD Million)
Table 71 RoW: Market Size, By End User, 2014-2021 (USD Million)
Table 72 Agreements, Partnerships, and Collaborations, 2013-2016
Table 73 New Product Launches, 2013-2016
Table 74 Acquisitions, 2013-2016
Table 75 Other Developments, 2013-2016

List of Figures

Figure 1 Research Design
Figure 2 Epidemiology Model
Figure 3 Market Size Estimation and Data Triangulation
Figure 4 Breakdown of Primary Interviews: By Company Type, Designation, and Region
Figure 5 Market Data Triangulation Methodology
Figure 6 Liquid Biopsy Market Size, By Product, 2016 vs 2021 (USD Million)
Figure 7 Market Size, By Cancer Type, 2016 vs 2021 (USD Million)
Figure 8 Market Size, By Circulating Biomarker, 2016 vs 2021 (USD Million)
Figure 9 Market Size, By End User, 2016 vs 2021 (USD Million)
Figure 10 Geographical Snapshot of the Market, 2016
Figure 11 Increasing Number of New Cancer Cases—Primary Growth Driver for the Market
Figure 12 Circulating Tumor Cells Segment to Account for the Largest Market Share in 2016
Figure 13 Reference Laboratories Segment Will Continue to Dominate the Market in 2021
Figure 14 Reagents Segment Dominates the Market in 2016
Figure 15 Circulating Tumor Cells Segment Accounts for the Largest Market Share in 2016
Figure 16 Asia-Pacific to Register the Highest Growth Rate in the Forecast Period
Figure 17 Market: Drivers, Restraints, Opportunities, Challenges
Figure 18 Increasing Number of New Cancer Cases Worldwide (2012-2020)
Figure 19 Cost Comparison Between Liquid and Incisional Biopsy
Figure 20 Relationship Between Liquid Biopsy Sensitivity and Number of Metastatic Sites
Figure 21 Discovery and Development of Medical Devices
Figure 22 New Cancer Cases, By Country (2012)
Figure 23 New Cancer Cases, By Country (2020)
Figure 24 New Cancer Cases Worldwide (2012 vs 2015 vs 2020)
Figure 25 Lung Cancer Will Continue to Account for the Largest Share in 2021
Figure 26 North America Will Continue to Dominate the Market for Lung Cancer By 2021
Figure 27 Asia-Pacific Offers Lucrative Opportunities in the Market for Breast Cancer
Figure 28 North America Will Continue to Lead the Liquid Biopsy Market for Colorectal Cancer in 2021
Figure 29 North America Will Continue to Lead the Liquid Biopsy Market for Prostate Cancer in 2021
Figure 30 North America Will Continue to Lead the Liquid Biopsy Market for Liver Cancer in 2021
Figure 31 New Cases of Other Cancer Types Worldwide (2012—2020)
Figure 32 North America Will Continue to Lead the Other Cancers Market in 2021
Figure 33 Circulating Tumor Cells to Account for the Largest Share of the Liquid Biopsy Market
Figure 34 North America Will Continue to Account for Largest Market Share in 2021
Figure 35 North America to Account for the Largest Market Share in 2021
Figure 36 North America Will Continue to Account for Largest Market Share in 2021
Figure 37 North America to Dominate the Market for Other Biomarkers
Figure 38 The Reagents Product Segment Will Continue to Account for the Largest Share of the Market in the Forecast Period
Figure 39 North America Will Continue to Dominate the Market for Liquid Biopsy Reagents During the
Forecast Period

Figure 40 Asia-Pacific to Witness Highest Growth in the Liquid Biopsy Instruments Market By 2021
Figure 41 North America Will Continue to Dominate the Market for Liquid Biopsy Services & Software in 2021
Figure 42 Reference Laboratories Segment Will Continue to Dominate the Market
Figure 43 Asia-Pacific Reference Laboratories End-User Segment to Show Highest Growth
Figure 44 North America, the Largest Segment in the Hospital / Physician Laboratories Market
Figure 45 North America Will Continue to Dominate the Liquid Biopsy Market for Academic and Research Centers
Figure 46 Asia-Pacific to Grow at the Highest Rate in the Liquid Biopsy Market for Other End Users
Figure 47 North America to Account for the Largest Share of the Liquid Biopsy Market in 2021
Figure 48 North America Liquid Biopsy Market Snapshot
Figure 49 North American Lung Cancer Segment to Account for the Largest Share of the Liquid Biopsy Market in 2016
Figure 50 Circulating Tumor Cells Segment Expected to Account for the Largest Share of the North American Liquid Biopsy Market in 2016
Figure 51 Lung Cancer to Dominate U.S. Liquid Biopsy Market, By Cancer Type, Till 2021
Figure 52 Reference Laboratories End-User Segment to Account for the Largest Share of the U.S. Liquid Biopsy Market in 2016
Figure 53 Lung Cancer Will Continue to Dominate the Canadian Liquid Biopsy Market Till 2021
Figure 54 Reagents Account for the Largest Share of the Canadian Liquid Biopsy Market in 2016
Figure 55 Europe: Cancer Frequency, By Country, 2012 (Per 100,000 Population)
Figure 56 Medical Insurance Coverage of Major European Countries, 2013
Figure 57 Lung Cancer Segment to Account for the Largest Share of the Liquid Biopsy Market in 2016
Figure 58 Reference Laboratories, the Largest End-User Segment in the European Market
Figure 59 Asia-Pacific Liquid Biopsy Market Snapshot
Figure 60 Lung Cancer is Expected to Account for the Largest Share of the Asia-Pacific Liquid Biopsy Market in 2016
Figure 61 Circulating Tumor Cells Segment to Dominate Asia-Pacific Liquid Biopsy Market in 2016
Figure 62 Lung Cancer Will Dominate the RoW Liquid Biopsy Market Till 2021
Figure 63 Reagents Product Segment to Command Largest Share of the RoW Liquid Biopsy Market
Figure 64 Companies Adopted Agreements, Collaborations, and Partnerships as Their Key Growth Strategy Over the Last Four Years (2013-2016)
Figure 65 Agreements, Collaborations, and Partnerships - Key Growth Strategies Adopted By Players in the Liquid Biopsy Market
Figure 66 Geographic Revenue Mix of Top Four Market Players
Figure 67 Biocept, Inc.: Company Snapshot
Figure 68 Qiagen: Company Snapshot
Figure 69 Company Snapshot: F. Hoffmann-La Roche AG
Figure 70 Company Snapshot: Bio-Rad Laboratories Inc.
Figure 71 Myriad Genetics: Company Snapshot
Figure 72 Johnson & Johnson: Company Snapshot
Figure 73 Travogene Inc.: Company Snapshot
Figure 74 MDX Health: Company Snapshot

Ordering:  
Order Online - http://www.researchandmarkets.com/reports/3788069/
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.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Liquid Biopsy Market by Cancer Type, Circulating Biomarkers, Product, End Use - Forecast to 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/3788069/">http://www.researchandmarkets.com/reports/3788069/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SCH38LDV</td>
</tr>
</tbody>
</table>

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 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>

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td>___________________________________</td>
</tr>
<tr>
<td>Last Name:</td>
<td>___________________________________</td>
</tr>
<tr>
<td>Email Address:</td>
<td>* ________________________________</td>
</tr>
<tr>
<td>Job Title:</td>
<td>___________________________________</td>
</tr>
<tr>
<td>Organisation:</td>
<td>___________________________________</td>
</tr>
<tr>
<td>Address:</td>
<td>___________________________________</td>
</tr>
<tr>
<td>City:</td>
<td>___________________________________</td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td>________________________________</td>
</tr>
<tr>
<td>Country:</td>
<td>___________________________________</td>
</tr>
<tr>
<td>Phone Number:</td>
<td>___________________________________</td>
</tr>
<tr>
<td>Fax Number:</td>
<td>___________________________________</td>
</tr>
</tbody>
</table>

* 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