Cardiac Biomarkers: Technologies and Global Markets

Description: The global cardiac biomarkers market has grown to $4.9 billion in 2015 from $4.4 billion in 2014. The market is expected to grow at a five-year compound annual growth rate (CAGR) of 12.4% from 2015 to 2020, increasing to over $8.8 billion in 2020.

This report provides:

- An overview of the global market for cardiac biomarkers and related technologies.
- Classification of cardiac biomarkers by cerebrovascular, congestive, coronary, hypertensive, and peripheral arterial disease.
- Background and clinical values of cardiac biomarkers, including B-type natriuretic peptide (BNP), N-terminal pro-B-type natriuretic peptide (NT-proBNP), C-reactive protein (CRP), creatine kinase MB (CK-MB), D-dimer, glial fibrillary acidic protein (GFAP), heart fatty acid binding protein (H-FABP), ischemia-modified albumin (IMA), myeloperoxidase (MPO), myoglobin, soluble fragment CD40 ligand (sCD40L), and troponin I (cTnI)/troponin T (cTnT).

- Examination of the technology covering diagnostic methods, instrumentation, newly issued patents, and new patent applications.
- Clinical guidelines and government regulations.
- Profiles of major players in the industry.

Current and projected assay revenues during the forecast period (2015 through 2020) are presented. In addition, newly developed assays with regulatory approval and others expected to receive U.S. Food and Drug Administration approval within the forecast period are also projected. Figures for 2015 are estimated, except where actual results have been reported, because of the timing of the release of this report.

For large market segments, such as cTn and natriuretic peptides, the analytical sensitivities and cutoff references for the diagnosis and prognosis values are discussed in detail. Moreover, the ongoing effort in developing a high-sensitivity troponin assay, as well as the attempt to pursue additional biomarkers for the diagnosis of congestive heart failure (CHF) and strokes are focused on in this study.

The report includes an analysis of leading and emerging competitors in the current global diagnostics market for CVDs. Profiles of manufacturers of leading products as well as biotechnology companies with products in development are discussed to define their specific product strategies.

The competitive environment is examined, with a special focus on how instrumentation type (clinical chemistry analyzers compared with point-of-care devices) and their respective technologies are influencing the current standard of care. Detailed profiles of current market leaders are discussed, as well as companies with innovative products poised to enter the market during the forecast period.

Market figures are based on revenues at the manufacturers’ level and are projected at 2015-U.S.-dollar value. Inflation is not computed into the projection figures. Trends are assessed based on projected sales for existing products, new product introductions, expanded indications for existing products and projected changes in the prevalence and diagnosis of respective diseases. Included in this report are forecasts by product, product category and by company from 2014 through 2020. The study is arranged to offer an overview of the diagnostics market accompanied by product, company and region.

Excluded from this report are nonproteomic diagnoses (i.e., molecular diagnostics), imaging technology and pharmaceutical biomarkers. Sales figures are reported in U.S. dollars, and in each case, these reflect currency fluctuations within the performance of changes in sales. Sales figures do not account for variation in local currencies. All market share data presented are on a global basis, unless specifically noted.
- Enzo Biochem Inc.
- Hologic Inc.
- Meso Scale Diagnostics
- Ortho Clinical Diagnostics
- Pacific Biomarkers Inc.
- Perkin Elmer Inc.
- Qiagen Nv
- Radiometer Medical
- Randox Laboratories Ltd.
- Response Biomedical Corp.
- Roche Holding Ag
- Signosis Inc.
- Siemens Healthcare Diagnostics
- Singulex, Inc.
- Thermo Fisher Scientific Inc.
- Wuxi AppTec
- Potential Entrants

9: Appendix
- Table 111:

<table>
<thead>
<tr>
<th>List of Tables</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summary Table: Global Cardiac Biomarker Market By Region, Through 2020</td>
</tr>
<tr>
<td>Table 1: Price Range Of Coronary Angiography/Ct Angiography</td>
</tr>
<tr>
<td>Table 2: Different Brands And Cost Of Ecg Machines</td>
</tr>
<tr>
<td>Table 3: Leading Hospitals And Institutes Involved In Biomarker Study</td>
</tr>
<tr>
<td>Table 4: Companies Involved In Biomarker Studies</td>
</tr>
<tr>
<td>Table 5: Epidemic Of Cardiovascular Diseases, 2015</td>
</tr>
<tr>
<td>Table 6: Disease Profile: Coronary Heart Disease</td>
</tr>
<tr>
<td>Table 7: Heart Disease Percentage In Different Races And Ethnicities, 2013</td>
</tr>
<tr>
<td>Table 8: Disease Profile: Acute Myocardial Infarction</td>
</tr>
<tr>
<td>Table 9: Disease Profile Of Hypertensive Heart Disease</td>
</tr>
<tr>
<td>Table 10: Disease Profile: Cerebrovascular Disease</td>
</tr>
<tr>
<td>Table 11: Disease Profile: Congestive Heart Failure</td>
</tr>
<tr>
<td>Table 12: Disease Profile: Hemorrhagic Stroke</td>
</tr>
<tr>
<td>Table 13: Product Profile: Myoglobin</td>
</tr>
<tr>
<td>Table 14: Biomarker Profile: St2</td>
</tr>
<tr>
<td>Table 15: Product Profile: Troponin</td>
</tr>
<tr>
<td>Table 16: Patent Trends On Cardiac Biomarker Assays Used For Diagnostic Testing, 2009-2015</td>
</tr>
<tr>
<td>Table 17: Patents By Biomarker Category, 2009-2015</td>
</tr>
<tr>
<td>Table 18: Patents By Company, 2009-2015</td>
</tr>
<tr>
<td>Table 19: Patents On Cardiac Biomarker By Assignee Type</td>
</tr>
<tr>
<td>Table 20: Patent Analysis By Region, 2009-2015</td>
</tr>
<tr>
<td>Table 23: Patents On Cardiac Biomarker Assays Used For Diagnostic Testing, 2015</td>
</tr>
<tr>
<td>Table 24: Patent Application Trends On Cardiac Biomarker Assays Used For Diagnostic Testing, April-June 2015</td>
</tr>
<tr>
<td>Table 25: Examples Of Patent Applications By Company, April-June 2015</td>
</tr>
<tr>
<td>Table 26: Patent Applications By Company, April-June 2015</td>
</tr>
<tr>
<td>Table 27: Partnership And Collaboration, 2011-2015</td>
</tr>
<tr>
<td>Table 28: Product Approvals And Product Clearances, 2011-2015</td>
</tr>
<tr>
<td>Table 29: New Product Developments And Product Launches, 2011-2015</td>
</tr>
<tr>
<td>Table 30: Mergers And Acquisitions, 2011-2015</td>
</tr>
<tr>
<td>Table 31: Other Strategies, 2011-2015</td>
</tr>
<tr>
<td>Table 32: Global Cardiac Biomarkers Market By Assay Category, Through 2020</td>
</tr>
<tr>
<td>Table 33: Global Cardiac Biomarker Market By Instrument Category, Through 2020</td>
</tr>
<tr>
<td>Table 34: Global Ctni Biomarkers Market By Instrument Category, Through 2020</td>
</tr>
<tr>
<td>Table 35: Global Bnp And Nt-ProBnp Biomarkers Market By Instrument Category, Through 2020</td>
</tr>
<tr>
<td>Table 36: Global Ck-Mb Biomarkers Market By Instrument Category, Through 2020</td>
</tr>
<tr>
<td>Table 37: Global New Chf Biomarkers* Market By Instrument Category, Through 2020</td>
</tr>
<tr>
<td>Table 38: Global Other Biomarkers* Market By Instrument Category, Through 2020</td>
</tr>
</tbody>
</table>
Table 39: North America Cardiac Biomarkers Market By Assay, Through 2020
Table 40: North America Cardiac Biomarkers Market By Instrument Category, Through 2020
Table 41: North America Ctni Biomarkers Market By Instrument Category, Through 2020
Table 42: North America Bnp And Nt-Probnp Biomarkers Market By Instrument Category, Through 2020
Table 43: North America Ck-Mb Biomarkers Market By Instrument Category, Through 2020
Table 44: North America New Chf Biomarkers* Market By Instrument Category, Through 2020
Table 45: North America Other Biomarkers Market By Instrument Category, Through 2020
Table 46: European Cardiac Biomarkers Market By Assay, Through 2020
Table 47: European Cardiac Biomarkers Market By Instrument Category, Through 2020
Table 48: European Ctni Assays Market By Instrument Category, Through 2020
Table 49: European Bnp And Nt-Probnp Assays Market By Instrument Category, Through 2020
Table 50: European Ck-Mb Assays Market By Instrument Category, Through 2020
Table 51: European New Chf Biomarkers* Market By Instrument Category, Through 2020
Table 52: European Other Biomarkers Market By Instrument Category, Through 2020
Table 53: Asia-Pacific Cardiac Biomarker Market By Assay, Through 2020
Table 54: Asia-Pacific Cardiac Biomarker Market By Instrument Category, Through 2020
Table 55: Asia-Pacific Ctni Assays Market By Instrument Category, Through 2020
Table 56: Asia-Pacific Bnp And Nt-Probnp Assays Market By Instrument Category, Through 2020
Table 57: Asia-Pacific Ck-Mb Assays Market By Instrument Category, Through 2020
Table 58: Asi-Pacific New Chf Biomarkers* Market By Instrument Category, Through 2020
Table 59: Asia-Pacific Market For Other Biomarkers Market By Instrument Category, Through 2020
Table 60: Rest Of World Cardiac Biomarkers Market By Assay, Through 2020
Table 61: Rest Of World Cardiac Biomarkers Market By Instrument Category, Through 2020
Table 62: Rest Of World Ctni Assays Market By Instrument Category, Through 2020
Table 63: Rest Of World Bnp And Nt-Probnp Assays Market By Instrument Category, Through 2020
Table 64: Rest Of World Ck-Mb Assays Market By Instrument Category, Through 2020
Table 65: Rest Of World New Biomarkers* Market By Instrument Category, Through 2020
Table 66: Abbott Diagnostics: Key Products
Table 67: Abbott Diagnostics: Recent Developments
Table 68: Alere Inc.: Key Products
Table 69: Alere Inc.: Recent Developments
Table 70: Beckman Coulter: Key Products
Table 71: Beckman Coulter: Recent Developments
Table 72: Becton, Dickinson And Co.: Key Products
Table 73: Becton, Dickinson And Co.: Recent Developments
Table 74: Bg Medicine Inc: Key Products
Table 75: Bg Medicine Inc: Recent Developments
Table 76: Biomerieux: Key Products
Table 77: Biomerieux: Recent Developments
Table 78: Bio-Rad Laboratories: Key Products
Table 79: Bio-Rad Laboratories: Recent Developments
Table 80: Cisbio Bioassays: Key Products
Table 81: Covance: Key Products
Table 82: EKF Diagnostics: Key Products
Table 83: EKF Diagnostics: Recent Developments
Table 84: Enzo Biochem Inc.: Key Products
Table 85: Hologic Inc.: Key Products
Table 86: Meso Scale Diagnostics: Key Products
Table 87: Ortho Clinical Diagnostics: Key Products
Table 88: Ortho Clinical Diagnostics: Recent Developments
Table 89: Pacific Biomarkers Inc.: Key Products (Cardiovascular)
Table 90: Pacific Biomarkers Inc.: Recent Developments
Table 91: Perkin Elmer Inc.: Key Products
Table 92: Qiagen Nv: Key Products
Table 93: Qiagen Nv: Recent Developments
Table 94: Radiometer Medical: Key Products
Table 95: Radiometer Medical: Recent Developments
Table 96: Randox Laboratories Ltd.: Key Products
Table 97: Randox Laboratories Ltd.: Recent Developments
Table 98: Response Biomedical Corp.: Key Products
Table 99: Response Biomedical Corp.: Recent Developments
Table 100: Roche Holding Ag: Key Products
Table 101: Roche Holding Ag: Recent Developments
Table 102 : Signosis Inc.: Key Products
Table 103 : Siemens Healthcare Diagnostics: Key Products
Table 104 : Siemens Healthcare Diagnostics: Recent Developments
Table 105 : Singulex, Inc.: Key Products
Table 106 : Singulex, Inc.: Recent Developments
Table 107 : Thermo Fisher Scientific Inc: Key Products
Table 108 : Thermo Fisher Scientific Inc: Recent Developments
Table 109 : Wuxi Apptec’S Services
Table 110 : Wuxi Apptec: Recent Developments
Table 111 :

List Of Figures

Summary Figure : Global Cardiac Biomarker Market By Region, 2014-2020
Figure 1 : Number Of Patents By Country, It* And Healthcare, 2013
Figure 2 : Number Of Cardiac Biomarker Patents By Region*, 2011-2015
Figure 3 : Shares Of Stakeholders In Cardiac Biomarkers Patents, 2011-2015
Figure 4 : Number Of Cardiac Biomarker Patents By Assignee, 2011-2015
Figure 5 : Top Strategies, 2011-2015
Figure 6 : Global Distribution Of Cardiovascular Disease: Daly, 2004
Figure 7 : Global Cardiovascular Disease Trends, 2011-2018
Figure 8 : Interpreting Elevated Levels Of Cardiac Troponin
Figure 9 : Recent Key Strategies Of Cardiac Biomarker Market, 2011-2015
Figure 10 : Partnership And Collaboration By Company,* 2011-2015
Figure 11 : Product Approvals And Product Clearances By Companies, 2011-2015
Figure 12 : New Product Developments And Product Launches By Company, 2011-2015
Figure 13 : Mergers And Acquisitions By Company, 2011-2015
Figure 14 : Receiver Operator Characteristic Curves

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: Cardiac Biomarkers: Technologies and Global Markets
- Web Address: http://www.researchandmarkets.com/reports/3763604/
- Office Code: SCBRXJRE

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>USD 5985</td>
</tr>
<tr>
<td>Single User</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 7650</td>
</tr>
<tr>
<td>1 - 5 Users</td>
<td></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>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