

Laboratory Chemical Reagents: Market Research Report

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Abstracts

This report analyzes the worldwide markets for Laboratory Chemical Reagents in US\$ Million by the following Product Segments: Molecular Biology (Monoclonal & Polyclonal Antibodies, Gene Expression, Vectors, Cloning, & Sequencing, Gene Synthesis, Extraction Kits, PCR Reagents, Enzymes, & Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell/Tissue Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues, & Others).

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World.

Annual estimates and forecasts are provided for the period 2009 through 2017.

Also, a six-year historic analysis is provided for these markets.

The report profiles 226 companies including many key and niche players such as BD Biosciences, Beckman Coulter, Inc., Biomerieux, EMD Chemicals Inc., GE Healthcare, Life Technologies Corporation, Meridian Life Science, Inc., PerkinElmer, Inc., SAFC Biosciences, Inc., Shimadzu Biotech, Sigma-Aldrich Corp., Takara Bio, Inc., Wako Pure Chemical Industries Ltd., and Waters Corp.

Major Monoclonal and Polyclonal Antibodies suppliers also profiled in the report include Strategic Diagnostics Inc., Gallus Immunotech, Inc., and Lonza Biologics Ltd., key Nucleic Acid Extraction Kits supplier, Quiagen, is also profiled in the report.

The two major Biochemistry Reagents and Related Chemical Suppliers highlighted in the report are A.G. Scientific, Inc., and Promega Corporation. R&D Systems, the major

Cytokine and Chemokine Reagent and Kits supplier, is also profiled in the report.

Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based upon search engine sources in the public domain.

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Nanogen Acquires Amplimedical
QIAGEN Takes Over Gentra Systems
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Genospectra Merges with Panomics
MorphoSys AG Acquires Serotec Ltd

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bioMérieux (France)
EMD Chemicals, Inc. (US)
GE Healthcare (UK)
Life Technologies Corporation (US)
Meridian Life Science, Inc. (US)
PerkinElmer, Inc. (US)

SAFC Biosciences, Inc. (US)
Shimadzu Biotech (Japan)
Sigma-Aldrich Corp. (US)
Takara Bio, Inc. (Japan)
Wako Pure Chemical Industries Ltd. (Japan)
Waters Corp. (US)
Monoclonal and Polyclonal Antibodies Suppliers
Strategic Diagnostics, Inc. (US)
Gallus Immunotech, Inc. (Canada)
Lonza Biologics Ltd. (Switzerland)
Nucleic Acid Extraction Kits Supplier

QIAGEN (US)

Biochemistry Reagents and Related Chemical Suppliers
A. G. Scientific, Inc. (US)
Promega Corporation (US)
Cytokine and Chemokine Testing Reagent and Kits Supplier
R&D Systems (US)

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Pesticide Residues
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3. JAPAN

A. Market Analysis

Research Entities

B. Market Analytics

Table 67. Japanese Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors Cloning & Sequencing; Gene Synthesis; Extraction Kits, PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 68. Japanese Historic Review for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents, Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 69. Japanese 15-Year Perspective for Laboratory Chemical Reagents by Application Area – Percentage Breakdown of Dollar Sales for Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

4. EUROPE

A. Market Analysis

Molecular Biology Reagent Market

B. Market Analytics

Table 70. European Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Geographic Region – France, Germany, Italy, UK, and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 71. European Historic Review for Laboratory Chemical Reagents by Geographic Region – France, Germany, Italy, UK, and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 72. European Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits, PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 73. European Historic Review for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 74. European 15-Year Perspective for Laboratory Chemical Reagents by Geographic Region – Percentage Breakdown of Dollar Sales for France, Germany, Italy, UK, and Rest of Europe Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

Table 75. European 15-Year Perspective for Laboratory Chemical Reagents by Application Area – Percentage Breakdown of Dollar Sales for Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

4A. FRANCE

Market Analytics

Table 76. French Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 77. French Historic Review for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 78. French 15-Year Perspective for Laboratory Chemical Reagents by Application Area – Percentage Breakdown of Dollar Sales for Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

4B. GERMANY

A. Market Analysis

Research Entities

Analytical Instruments and Supplies Market

B. Market Analytics

Table 79. German Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits,

PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 80. German Historic Review for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 81. German 15-Year Perspective for Laboratory Chemical Reagents by Application Area – Percentage Breakdown of Dollar Sales for Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

4C. ITALY

A. Market Analysis

Biotech Sector Review

B. Market Analytics

Table 82. Italian Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits, PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 83. Italian Historic Review for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 84. Italian 15-Year Perspective for Laboratory Chemical Reagents by Application Area – Percentage Breakdown of Dollar Sales for Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

4D. THE UNITED KINGDOM

A. Market Analysis

Biotechnology Industry Review

B. Market Analytics

Table 85. UK Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 86. UK Historic Review for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 87. UK 15-Year Perspective for Laboratory Chemical Reagents by Application Area – Percentage Breakdown of Dollar Sales for Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

4E. REST OF EUROPE

A. Market Analysis

Spain – A Promising IVD Market

Sweden

Switzerland

B. Market Analytics

Table 88. Rest of European Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 89. Rest of European Historic Review for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 90. Rest of European 15-Year Perspective for Laboratory Chemical Reagents by Application Area – Percentage Breakdown of Dollar Sales for Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others),

Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry and Environmental Testing (Pesticide Residues and Others) Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC

A. Market Analysis

Asian Cell Culture Market to Witness Significant Growth

Select Market Review

Australia and New Zealand

In Vitro Diagnostics Market

China

In Vitro Diagnostics Market

India

IVD Market

Expanding Biotech Sector

Taiwan

B. Market Analytics

Table 91. Asia-Pacific Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 92. Asia-Pacific Historic Review for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 93. Asia-Pacific 15-Year Perspective for Laboratory Chemical Reagents by

Application Area – Percentage Breakdown of Dollar Sales for Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents, Enzymes and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

6. LATIN AMERICA

A. Market Analysis

Analytical Instruments and Supplies Market

B. Market Analytics

Table 94. Latin American Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits, PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 95. Latin American Historic Review for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents, Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 96. Latin American 15-Year Perspective for Laboratory Chemical Reagents by Application Area – Percentage Breakdown of Dollar Sales for Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

7. REST OF WORLD

Market Analytics

Table 97. Rest of World Recent Past, Current & Future Analysis for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2009 through 2017 (includes corresponding Graph/Chart)

Table 98. Rest of World Historic Review for Laboratory Chemical Reagents by Application Area – Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents, Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets Independently Analyzed with Annual Sales Figures in US\$ Million for Years 2003 through 2008 (includes corresponding Graph/Chart)

Table 99. Rest of World 15-Year Perspective for Laboratory Chemical Reagents by Application Area – Percentage Breakdown of Dollar Sales for Molecular Biology (Monoclonal & Polyclonal Antibodies; Gene Expression, Vectors, Cloning & Sequencing; Gene Synthesis; Extraction Kits; PCR Reagents; Enzymes; and Others), Biochemistry (IVD), Cytokine & Chemokine Testing, Cell Culture, Carbohydrate Analysis, Immunohistochemistry, and Environmental Testing (Pesticide Residues and Others) Markets for Years 2003, 2011 & 2017 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 226 (including Divisions/Subsidiaries - 271)

Region/CountryPlayers

The United States

Canada

Japan

Europe

France
Germany
The United Kingdom
Italy
Spain
Rest of Europe
Asia-Pacific (Excluding Japan)

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