

Global Microarray Market Research and Forecast, 2018-2023

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Abstracts

The testing and research of a large number of genes cannot be achieved by using traditional methods. Hence, the microarray is one of the technologies that are used by researchers to overcome the limitation of traditional tools. Using microarrays, the researchers can analyze the expression of many genes simultaneously and efficiently. Microarrays are used in various application such as gene discovery, diseases diagnosis, drug discovery, toxicological research and so on. The widespread global adoption of personalized medication and the need for the error-free molecular testing tool are the factor that is boosting the growth of the microarray market globally. The increasing prevalence of chronic diseases leads to the demand for an innovative molecular testing solution to perform the microbiology, cancer, and pharmacogenetic testing. Moreover, the usage of microarrays in bacterial pathogenesis research is also fuelling the microarray market growth.

Although, the lack of funding for microarray development and the cost of preparing microarrays are the major restraining factor for this market. The availability of some microarrays such as Glycan is under threat due to the difficulty in procuring and distribution which can hinder the growth of the microarray market. Whereas, the emerging technologies for the diagnosis of microbial infections and the need for detection of chromosomal alteration also increase the demand for microarrays. Additionally, the increasing focus towards the function and recognition of glycan can be a huge opportunity for this market.

Geographically, the market is divided into North America, Europe, Asia-Pacific and Rest of the World. North America region is growing with significant growth and is dominating the global microarray market. The growth is attributed to the increasing prevalence of chronic diseases and extensive proteomics and genomics research. Europe is the

second largest market due to the technological advancement in the biotechnology field. Asia-Pacific is considered as the growing market during the forecast period. The growing need for the molecular testing solution and high penetration of new technology are the key factors for the growth of the microarray market in Asia-Pacific region.

There are various companies involved in the microarray technology such as Abcam PLC, Agilent Technologies Inc., Applied Microarrays, Inc., CDI Laboratories, Inc., GE Healthcare, PerkinElmer, Inc., RayBiotech, Inc. And so on. The companies are focused on developing advanced microarray solutions to stay competitive in the market. Geographical expansion, merger & acquisition, finding a new market or innovate in their core competency in order to expand individual market share is a key strategy adopted by major market players.

RESEARCH METHODOLOGY

The market study of the global microarrays market is incorporated by extensive primary and secondary research conducted by a research team at OMR. Secondary research has been conducted to refine the available data to break down the market in various segments, derive total market size, market forecast, and growth rate. Different approaches have been worked on to derive the market value and market growth rate. Our team collects facts and data related to the market from different geography to provide a better regional outlook. In the report, the country-level analysis is provided by analyzing various regional players, regional tax laws and policies, consumer behavior and macroeconomic factors. Numbers extracted from Secondary research have been authenticated by conducting proper primary research. It includes tracking down key people from the industry and interviewing them to validate the data. This enables our analyst to derive the closest possible figures without any major deviations in the actual number. Our analysts try to contact as many executives, managers, key opinion leaders, and industry experts. Primary research brings the authenticity of our reports.

SECONDARY SOURCES INCLUDE

Financial reports of companies involved in the market

Authentic Public Databases such as the OICA, OECD, WHO, and others

Whitepapers, research-papers and news blogs

Company websites and their product catalog.

The report is intended for genomics and proteomics companies, research organizations, biotechnology companies, investment companies, government organizations for overall market analysis and competitive analysis. The report will serve as a source for 360-degree analysis of the market thoroughly integrating different models delivering insights into the market for better business decisions.

MARKET SEGMENTATION

Global microarray market is segmented on the basis of regional outlook and following segments:

1. Global Microarray Market Research and Analysis by Type
2. Global Microarray Market Research and Analysis by Application
3. Global Microarray Market Research and Analysis by Geography

The report covers

Comprehensive research methodology of the global microarray market.

This report also includes a detailed and extensive market overview with key analyst insights.

An exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the global microarray market.

Insights about market determinants which are stimulating the global microarray market.

Detailed and extensive market segments with regional distribution of forecast revenues.

Extensive profiles and recent developments of market players.

Contents

1. REPORT SUMMARY

- 1.1. Research Methods and Tools
- 1.2. Market Breakdown
 - 1.2.1. By Segments
 - 1.2.2. By Geography
 - 1.2.3. By Stakeholders

2. MARKET OVERVIEW AND INSIGHTS

- 2.1. Definition
- 2.2. Analyst Insights & Current Market Trends
 - 2.2.1. Key Findings
 - 2.2.2. Recommendations
 - 2.2.3. Conclusion
- 2.3. Regulations

3. MARKET DETERMINANTS

- 3.1. Motivators
 - 3.1.1. Need for Error Free Molecular Testing Tool
 - 3.1.2. Increasing Prevalence of Chronic Diseases
 - 3.1.3. Rising Focus Towards Drug Discovery
 - 3.1.4. Increasing Usage of Microarrays in Bacterial Pathogenesis Research
- 3.2. Restraints
 - 3.2.1. Lack of Research Funding
 - 3.2.2. Cost of Microarrays
- 3.3. Opportunities
 - 3.3.1. Growth in Investment for Genomic and Proteomic Research
 - 3.3.2. Increasing Adoption of Personalized Medication

4. MARKET SEGMENTATION

- 4.1. Global Microarrays Market by Type
 - 4.1.1. DNA Microarrays
 - 4.1.2. Protein Microarray
 - 4.1.3. Peptide Microarray

- 4.1.4. Tissue Microarray
- 4.1.5. Cellular Microarray
- 4.1.6. Others
- 4.2. Global Microarrays Market by Application
 - 4.2.1. Diagnosis and Prognosis
 - 4.2.2. Pharmacogenomics and Theragnostic
 - 4.2.3. Drug Discovery
 - 4.2.4. Other

5. COMPETITIVE LANDSCAPE

- 5.1. Key Strategies
- 5.2. Key Company Analysis

6. REGIONAL ANALYSIS

- 6.1. North America
 - 6.1.1. United States
 - 6.1.2. Canada
- 6.2. Europe
 - 6.2.1. UK
 - 6.2.2. Germany
 - 6.2.3. Spain
 - 6.2.4. France
 - 6.2.5. Italy
 - 6.2.6. Rest of Europe
- 6.3. Asia-Pacific
 - 6.3.1. China
 - 6.3.2. Japan
 - 6.3.3. India
 - 6.3.4. Rest of Asia-Pacific
- 6.4. Rest of the World

7. COMPANY PROFILES

- 7.1. Abcam PLC
- 7.2. Agilent Technologies, Inc.
- 7.3. Applied Microarrays, Inc.
- 7.4. Arrayit Corp.

- 7.5. Aurora Biomed Inc.
- 7.6. Axela, Inc.
- 7.7. AXO Science
- 7.8. AyoxxA Biosystems GmbH
- 7.9. BioreclamationIVT
- 7.10. bioMérieux SA
- 7.11. Bio-Rad Laboratories, Inc.
- 7.12. CDI Laboratories, Inc.
- 7.13. Cepheid, Inc.
- 7.14. F. Hoffmann-La Roche AG
- 7.15. Fluidigm Corp.
- 7.16. GE Healthcare
- 7.17. IHC World, LLC.
- 7.18. Illumina, Inc.
- 7.19. Indevr, Inc.
- 7.20. Luminex Corp.
- 7.21. Merck KGaA
- 7.22. Meso Scale Diagnostics, LLC.
- 7.23. Origene Technologies, Inc
- 7.24. Pantomics, Inc.
- 7.25. Partek, Inc.
- 7.26. PerkinElmer, Inc.
- 7.27. ProteoGenix
- 7.28. Qiagen N.V.
- 7.29. RayBiotech, Inc.
- 7.30. SQI Diagnostics Inc.
- 7.31. Takara Bio, Inc.
- 7.32. Thermo Fisher Scientific, Inc.
- 7.33. US Biomax, Inc.
- 7.34. US Bioupton International, LLC

List Of Tables

LIST OF TABLES

TABLE # 1 GLOBAL MICROARRAYS MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 (\$ MILLION)

TABLE # 2 GLOBAL DNA MICROARRAY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 3 GLOBAL PROTEIN MICROARRAY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 4 GLOBAL PEPTIDE MICROARRAY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 5 GLOBAL TISSUE MICROARRAY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 6 GLOBAL CELLULAR MICROARRAY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 7 GLOBAL OTHERS MICROARRAY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 8 GLOBAL MICROARRAYS MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 (\$ MILLION)

TABLE # 9 GLOBAL DIAGNOSIS AND PROGNOSIS MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 10 GLOBAL PHARMACOGENOMICS AND THERAGNOSTIC MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 11 GLOBAL DRUG DISCOVERY MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 12 GLOBAL OTHER APPLICATION MARKET RESEARCH AND ANALYSIS BY REGION, 2017-2023 (\$ MILLION)

TABLE # 13 GLOBAL MICROARRAYS MARKET RESEARCH AND ANALYSIS BY GEOGRAPHY, 2017-2023 (\$ MILLION)

TABLE # 14 NORTH AMERICAN MICROARRAYS MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 (\$ MILLION)

TABLE # 15 NORTH AMERICAN MICROARRAYS MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 (\$ MILLION)

TABLE # 16 NORTH AMERICAN MICROARRAYS MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 (\$ MILLION)

TABLE # 17 EUROPEAN MICROARRAYS MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 (\$ MILLION)

TABLE # 18 EUROPEAN MICROARRAYS MARKET RESEARCH AND ANALYSIS BY

APPLICATION, 2017-2023 (\$ MILLION)

TABLE # 19 EUROPEAN MICROARRAYS MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 (\$ MILLION)

TABLE # 20 ASIA-PACIFIC MICROARRAYS MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 (\$ MILLION)

TABLE # 21 ASIA-PACIFIC MICROARRAYS MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 (\$ MILLION)

TABLE # 22 ASIA-PACIFIC MICROARRAYS MARKET RESEARCH AND ANALYSIS BY COUNTRY, 2017-2023 (\$ MILLION)

TABLE # 23 REST OF THE WORLD MICROARRAYS MARKET RESEARCH AND ANALYSIS BY TYPE, 2017-2023 (\$ MILLION)

TABLE # 24 REST OF THE WORLD MICROARRAYS MARKET RESEARCH AND ANALYSIS BY APPLICATION, 2017-2023 (\$ MILLION)

List Of Figures

LIST OF FIGURES

FIGURE # 1 GLOBAL MICROARRAYS MARKET SHARE BY TYPE, 2017 VS 2023 (%)

FIGURE # 2 GLOBAL MICROARRAYS MARKET SHARE BY APPLICATION, 2017 VS 2023 (%)

FIGURE # 3 GLOBAL MICROARRAYS MARKET SHARE BY GEOGRAPHY, 2017 VS 2023 (%)

FIGURE # 4 NORTH AMERICAN MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 5 UNITED STATES MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 6 CANADA MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 7 EUROPEAN MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 8 UK MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 9 GERMANY MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 10 SPAIN MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 11 FRANCE MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 12 ITALY MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 13 ROE MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 14 ASIA-PACIFIC MICROARRAYS MARKET SIZE, 2018-2023(\$ MILLION)

FIGURE # 15 CHINA MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 16 INDIA MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 17 JAPAN MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 18 REST OF ASIA-PACIFIC MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

FIGURE # 19 REST OF WORLD MICROARRAYS MARKET SIZE, 2017-2023 (\$ MILLION)

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