

# Biochips (Microarrays/Microfluidics) Global Market – Forecast To 2023

<https://marketpublishers.com/r/BFACFB29FC4EN.html>

Date: June 2017

Pages: 404

Price: US\$ 4,950.00 (Single User License)

ID: BFACFB29FC4EN

## Abstracts

Biochips come handy as thousands of experiments are performed on a small chip with a solid platform and acts like a mini laboratory. Usage of biochips has increased in the past decade as its application varies from high throughput screening in drug discovery to personalized medicine.

The global biochips market is expected to grow at double digit CAGR to reach \$17,851.1 million by 2023. Biochips market is mainly classified into technologies, products, application and end-users. The global biochips market is broadly classified as micro arrays and microfluidics based on technology. Based on products, the market is classified into Instruments, Reagents & Consumables and Software & Services. Biochips market is segmented on the basis of application as Genomics, Proteomics, Drug discovery, Diagnostics, Food & agricultural testing and others. Genomics application segment is further classified into SNP Genotyping, Gene Expression and Others where as Drug discovery segment is further sub segmented into Target Identification & Validation, HTS (High Throughput screening) and Lead Optimization. Diagnostics segment is further divided into Cancer diagnostics and other diagnostics. End-Users are further classified into Pharmaceutical & Biotech companies, Academic & Research laboratories, Diagnostic laboratories, CROs (Contract and Research Organizations) and others.

Among microarrays and Microfluidics, Microfluidics occupies the major share in 2016 and is expected to grow at a highest CAGR from 2016 to 2023. Among products Reagents & consumables occupy the major share of XX% in 2016 and are expected to grow at a CAGR of XX% from 2016 to 2023 to reach \$XX million by 2023. Among Application segment Diagnostics commanded the larger revenue in 2016 and is expected to grow at a highest CAGR of XX% from 2016 to 2023. Among Genomics,

SNP genotyping occupies a major share in 2016 with a CAGR of XX% from 2016 to 2023. Target Identification & Validation in Drug discovery segment occupies a major share of XX% in 2016 and similarly other diagnostics occupies a major share of XX% in 2016 and grows with a CAGR of XX% from 2016 to 2023. Diagnostic laboratories occupy a major share of XX% in 2016 and grow with a maximum CAGR of XX% from 2016 to 2023.

Revolution in the field of genomics, proteomics as well as rapid drug discovery increased the demand for biochips. In addition, increase in diagnosis and treatment of cancer and genetic diseases, approval for personalized medicines and invention of novel technologies in biochips drives the market of biochips. Standardization and quality assurance of biochips, technological ease in handling the biochips especially in the areas of diagnosis and treatment, high cost along with ethical and social issues hinders the market growth.

Lifestyle changes owing to increase in cancer, diabetes and hypertension patients, early diagnosis and treatment of diseases, advancement of biochips with its wide application areas shows that biochip market has vast opportunities in the coming years.

North America accounts for the highest market share in 2016 and followed by Europe. Steep rise in genetic diagnosis, huge corporate outsourcing for drug discovery, increase in personalized medicines and favourable government policies makes U.S. the leader of Biochips market. However, Asian countries especially China and Japan are the fastest growing regions with its growing demand for biochips and increasing research investments. Asia-Pacific grows with a highest CAGR of XX% from 2016 to 2023.

Major players in biochips market include Abbott laboratories (U.S.), Agilent Technologies (U.S.), Becton-Dickinson Company (U.S.), Bio-Rad Laboratories (U.S.), Danaher Corporation (U.S.), Fluidigm Corporation (U.S.), GE Healthcare (U.S.), Illumina (U.S.), PerkinElmer, Inc. (U.S.) and Thermo Fisher Scientific, Inc. (U.S.).

The report provides an in depth market analysis of the above mentioned segments across the following regions:

North America

Europe

Asia-Pacific

Rest of the World

## Contents

### 1 EXECUTIVE SUMMARY

### 2 INTRODUCTION

#### 2.1 KEY TAKE AWAYS

#### 2.2 REPORT DESCRIPTION

#### 2.3 MARKETS COVERED

#### 2.4 STAKEHOLDERS

#### 2.5 RESEARCH METHODOLOGY

##### 2.5.1 MARKET SIZE ESTIMATION

##### 2.5.2 MARKET BREAKDOWN AND DATA TRIANGULATION

##### 2.5.3 SECONDARY SOURCES

##### 2.5.4 PRIMARY SOURCES

##### 2.5.5 KEY DATA POINTS FROM SECONDARY SOURCES

##### 2.5.6 KEY DATA POINTS FROM PRIMARY SOURCES

##### 2.5.7 ASSUMPTIONS

### 3 MARKET ANALYSIS

#### 3.1 INTRODUCTION

#### 3.2 MARKET SEGMENTATION

#### 3.3 FACTORS INFLUENCING MARKET

##### 3.3.1 DRIVERS AND OPPORTUNITIES

3.3.1.1 Increase in usage of biochips in cancer diagnostics

3.3.1.2 Biochips preference in personalized medicine

3.3.1.3 Widening application market

3.3.1.4 Emerging asia pacific market

3.3.1.5 Increased government funding

##### 3.3.2 RESTRAINTS AND THREATS

3.3.2.1 High cost of biochips

3.3.2.2 Lack of standardization

3.3.2.3 Limited skilled personnel to work on biochips

3.3.2.4 Stringent regulations

3.3.2.5 Adoption of NGS

#### 3.4 PORTER'S FIVE FORCE ANALYSIS

##### 3.4.1 THREAT OF NEW ENTRANTS

##### 3.4.2 THREAT OF SUBSTITUTES

- 3.4.3 RIVALRY AMONG EXISTING COMPETITORS
- 3.4.4 BARGAINING POWER OF SUPPLIERS
- 3.4.5 BARGAINING POWER OF BUYERS
- 3.5 REGULATORY GUIDELINES
  - 3.5.1 UNITED STATES
  - 3.5.2 EUROPE
  - 3.5.3 CHINA
  - 3.5.4 INDIA
  - 3.5.5 JAPAN
- 3.6 MARKET SHARE ANALYSIS BY MAJOR PLAYERS
  - 3.6.1 MICROARRAY TECHNOLOGY GLOBAL MARKET SHARE ANALYSIS BY MAJOR PLAYERS
  - 3.6.2 MICROFLUIDIC TECHNOLOGY GLOBAL MARKET SHARE ANALYSIS BY MAJOR PLAYERS
- 3.7 PATENT TRENDS
- 3.8 SUPPLY CHAIN ANALYSIS
- 3.9 BIOCHIPS UNDER CLINICAL TRIAL
- 3.10 NEW PRODUCT LAUNCHES
- 3.11 TECHNOLOGICAL ADVANCEMENTS
  - 3.11.1 "LAB ON A CHIP" THAT COSTS 1 CENT TO MAKE
  - 3.11.2 LIGHT BASED LAB-ON-A-CHIP DEVICE
  - 3.11.3 NEW NEURO CHIP
  - 3.11.4 3D PRINTED ORGAN-ON-A-CHIP
  - 3.11.5 LIQUID BIOPSY CHIPS FOR THE DETECTION OF METASTATIC CANCER CELLS
  - 3.11.6 PLACENTA ON A CHIP

## **4 BIOCHIPS GLOBAL MARKET, BY TECHNOLOGY**

- 4.1 INTRODUCTION
- 4.2 MICROARRAYS
  - 4.2.1 DNA MICROARRAYS
  - 4.2.2 PROTEIN MICROARRAYS
  - 4.2.3 TISSUE MICROARRAYS
  - 4.2.4 CELL MICROARRAYS
  - 4.2.5 OTHER MICROARRAYS
- 4.3 LAB-ON-A-CHIP (MICROFLUIDICS)
  - 4.3.1 PCR-ON-A-CHIP
  - 4.3.2 IMMUNOASSAYS-ON-A-CHIP

- 4.3.3 ELECTROPHORESIS-ON-A-CHIP
- 4.3.4 FLOW CYTOMETRY-ON-A-CHIP
- 4.3.5 NGS-ON-A-CHIP
- 4.3.6 ORGAN-ON-CHIP
- 4.3.7 OTHERS

## **5 BIOCHIPS GLOBAL MARKET, BY PRODUCTS**

- 5.1 INTRODUCTION
- 5.2 INSTRUMENTS
- 5.3 REAGENTS AND CONSUMABLES
- 5.4 SOFTWARE AND SERVICES

## **6 BIOCHIPS GLOBAL MARKET, BY APPLICATIONS**

- 6.1 INTRODUCTION
- 6.2 GENOMICS
  - 6.2.1 GENE EXPRESSION
  - 6.2.2 SNP GENOTYPING
  - 6.2.3 OTHER GENOMICS
- 6.3 PROTEOMICS
- 6.4 DRUG DISCOVERY & DEVELOPMENT
  - 6.4.1 TARGET IDENTIFICATION AND VALIDATION
  - 6.4.2 HIGH THROUGHPUT SCREENING
  - 6.4.3 LEAD OPTIMIZATION
- 6.5 DIAGNOSTICS
  - 6.5.1 CANCER DIAGNOSTICS
  - 6.5.2 OTHER DIAGNOSTICS
- 6.6 FOOD AND AGRICULTURE TESTING
- 6.7 OTHERS

## **7 BIOCHIPS GLOBAL MARKET, BY END-USERS**

- 7.1 INTRODUCTION
- 7.2 PHARMACEUTICAL AND BIOTECH COMPANIES
- 7.3 ACADEMIC & RESEARCH LABORATORIES
- 7.4 CONTRACT RESEARCH ORGANISATIONS
- 7.5 DIAGNOSTIC LABORATORIES
- 7.6 OTHERS

## **8 REGIONAL MARKET ANALYSIS**

### 8.1 INTRODUCTION

### 8.2 NORTH AMERICA

#### 8.2.1 U.S.

#### 8.2.2 OTHERS

### 8.3 EUROPE

#### 8.3.1 GERMANY

#### 8.3.2 U.K.

#### 8.3.3 FRANCE

#### 8.3.4 OTHERS

### 8.4 ASIA-PACIFIC

#### 8.4.1 CHINA

#### 8.4.2 JAPAN

#### 8.4.3 INDIA

#### 8.4.4 OTHERS

### 8.5 REST OF THE WORLD

#### 8.5.1 BRAZIL

#### 8.5.2 REST OF LATIN AMERICA

#### 8.5.3 MIDDLE EAST AND OTHERS

## **9 COMPETITIVE LANDSCAPE**

### 9.1 INTRODUCTION

### 9.2 NEW PRODUCT LAUNCHES

### 9.3 AGREEMENTS, PARTNERSHIP, COLLABORATION & JOINT VENTURES

### 9.4 APPROVALS

### 9.5 MERGERS & ACQUISITIONS

### 9.6 OTHER DEVELOPMENTS

## **10 MAJOR COMPANIES**

### 10.1 ABBOTT LABORATORIES

#### 10.1.1 OVERVIEW

#### 10.1.2 FINANCIALS

#### 10.1.3 PRODUCT PORTFOLIO

#### 10.1.4 KEY DEVELOPMENTS

#### 10.1.5 BUSINESS STRATEGY

- 10.1.6 SWOT ANALYSIS
- 10.2 AGILENT TECHNOLOGIES, INC.
  - 10.2.1 OVERVIEW
  - 10.2.2 FINANCIALS
  - 10.2.3 PRODUCT PORTFOLIO
  - 10.2.4 KEY DEVELOPMENTS
  - 10.2.5 BUSINESS STRATEGY
  - 10.2.6 SWOT ANALYSIS
- 10.3 BECTON DICKINSON AND COMPANY
  - 10.3.1 OVERVIEW
  - 10.3.2 FINANCIALS
  - 10.3.3 PRODUCT PORTFOLIO
  - 10.3.4 KEY DEVELOPMENTS
  - 10.3.5 BUSINESS STRATEGY
  - 10.3.6 SWOT ANALYSIS
- 10.4 BIO-RAD LABORATORIES
  - 10.4.1 OVERVIEW
  - 10.4.2 FINANCIALS
  - 10.4.3 PRODUCT PORTFOLIO
  - 10.4.4 KEY DEVELOPMENTS
  - 10.4.5 BUSINESS STRATEGY
  - 10.4.6 SWOT ANALYSIS
- 10.5 DANAHER CORPORATION
  - 10.5.1 OVERVIEW
  - 10.5.2 FINANCIALS
  - 10.5.3 PRODUCT PORTFOLIO
  - 10.5.4 KEY DEVELOPMENTS
  - 10.5.5 BUSINESS STRATEGY
  - 10.5.6 SWOT ANALYSIS
- 10.6 FLUIDIGM CORPORATION
  - 10.6.1 OVERVIEW
  - 10.6.2 FINANCIALS
  - 10.6.3 PRODUCT PORTFOLIO
  - 10.6.4 KEY DEVELOPMENTS
  - 10.6.5 BUSINESS STRATEGY
  - 10.6.6 SWOT ANALYSIS
- 10.7 GE HEALTHCARE
  - 10.7.1 OVERVIEW
  - 10.7.2 FINANCIALS



- 10.7.3 PRODUCT PORTFOLIO
- 10.7.4 KEY DEVELOPMENTS
- 10.7.5 BUSINESS STRATEGY
- 10.7.6 SWOT ANALYSIS
- 10.8 ILLUMINA, INC.
  - 10.8.1 OVERVIEW
  - 10.8.2 FINANCIALS
  - 10.8.3 PRODUCT PORTFOLIO
  - 10.8.4 KEY DEVELOPMENTS
  - 10.8.5 BUSINESS STRATEGY
  - 10.8.6 SWOT ANALYSIS
- 10.9 PERKINELMER, INC.
  - 10.9.1 OVERVIEW
  - 10.9.2 FINANCIALS
  - 10.9.3 PRODUCT PORTFOLIO
  - 10.9.4 KEY DEVELOPMENTS
  - 10.9.5 BUSINESS STRATEGY
  - 10.9.6 SWOT ANALYSIS
- 10.10 THERMOFISHER SCIENTIFIC INC.
  - 10.10.1 OVERVIEW
  - 10.10.2 FINANCIALS
  - 10.10.3 PRODUCT PORTFOLIO
  - 10.10.4 KEY DEVELOPMENTS
  - 10.10.5 BUSINESS STRATEGY
  - 10.10.6 SWOT ANALYSIS

## List Of Tables

### LIST OF TABLES

TABLE 1 BIOCHIPS GLOBAL MARKET REVENUE, BY REGION, (2015-2023)(\$MN)

TABLE 2 BIOCHIPS GLOBAL MARKET REVENUE, BY TECHNOLOGY, (2015-2023)(\$MN)

TABLE 3 BIOCHIPS GLOBAL MARKET REVENUE, BY PRODUCT, (2015-2023)(\$MN)

TABLE 4 BIOCHIPS GLOBAL MARKET REVENUE, BY APPLICATION (2015-2023)(\$MN)

TABLE 5 BIOCHIPS GLOBAL MARKET REVENUE, BY END USERS (2015-2023)(\$MN)

TABLE 6 BIOCHIPS GLOBAL MARKET REVENUE, BY TECHNOLOGY (2015-2023)(\$MN)

TABLE 7 MICROARRAYS GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 8 MICROARRAYS GLOBAL MARKET REVENUE, BY TECHNOLOGY TYPE, (2015-2023)(\$MN)

TABLE 9 DNA MICROARRAYS GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 10 PROTEIN MICROARRAYS GLOBAL MARKET REVENUE, BY REGION (2015-2023) (\$MN)

TABLE 11 TISSUE MICROARRAYS GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 12 CELL MICROARRAYS GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 13 OTHER MICROARRAYS GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 14 MICROFLUIDIC GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 15 MICROFLUIDICS GLOBAL MARKET REVENUE, BY TECHNOLOGY TYPE (2015-2023)(\$MN)

TABLE 16 PCR-ON-A-CHIP GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 17 IMMUNOASSAYS-ON-A-CHIP GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 18 ELECTROPHORESIS-ON-A-CHIP GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 19 FLOW CYTOMETRY-ON-A-CHIP GLOBAL MARKET REVENUE, BY

REGION (2015-2023)(\$MN)

TABLE 20 NGS-ON-A-CHIP GLOBAL MARKET REVENUE, BY REGION  
(2015-2023)(\$MN)

TABLE 21 ORGAN-ON-A-CHIP GLOBAL MARKET REVENUE, BY REGION  
(2015-2023)(\$MN)

TABLE 22 OTHERS LAB-ON-A-CHIP GLOBAL MARKET REVENUE, BY REGION  
(2015-2023)(\$MN)

TABLE 23 BIOCHIPS GLOBAL MARKET REVENUE, BY PRODUCTS,  
(2015-2023)(\$MN)

TABLE 24 INSTRUMENTS BIOCHIPS GLOBAL MARKET REVENUE, BY REGION,  
(2015-2023)(\$MN)

TABLE 25 REAGENTS AND CONSUMABLES BIOCHIPS GLOBAL MARKET  
REVENUE, BY REGION, (2015-2023)(\$MN)

TABLE 26 SOFTWARE & SERVICES BIOCHIPS GLOBAL MARKET REVENUE, BY  
REGION, (2015-2023)(\$MN)

TABLE 27 BIOCHIPS GLOBAL MARKET REVENUE, BY APPLICATIONS,  
(2015-2023)(\$MN)

TABLE 28 GENOMICS BIOCHIPS GLOBAL MARKET REVENUE, BY REGION,  
(2015-2023)(\$MN)

TABLE 29 GENOMICS BIOCHIPS GLOBAL MARKET REVENUE, BY TYPE  
(2015-2023)(\$MN)

TABLE 30 GENE EXPRESSION BIOCHIPS GLOBAL MARKET REVENUE, BY  
REGION, (2015-2023)(\$MN)

TABLE 31 SNP GENOTYPING BIOCHIPS GLOBAL MARKET REVENUE, BY REGION  
(2015-2023)(\$MN)

TABLE 32 OTHERS GENOMICS BIOCHIPS GLOBAL MARKET REVENUE, BY  
REGION (2015-2023)(\$MN)

TABLE 33 PROTEOMICS BIOCHIPS GLOBAL MARKET REVENUE, BY REGION  
(2015-2023)(\$MN)

TABLE 34 DRUG DISCOVERY BIOCHIPS GLOBAL MARKET REVENUE, BY REGION  
(2015-2023)(\$MN)

TABLE 35 DRUG DISCOVERY BIOCHIPS GLOBAL MARKET REVENUE, BY TYPE  
(2015-2023)(\$MN)

TABLE 36 TARGET IDENTIFICATION & VALIDATION BIOCHIPS GLOBAL MARKET  
REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 37 HIGH THROUGHPUT SCREENING BIOCHIPS GLOBAL MARKET  
REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 38 LEAD OPTIMIZATION BIOCHIPS GLOBAL MARKET REVENUE, BY  
REGION (2015-2023)(\$MN)

TABLE 39 DIAGNOSTICS BIOCHIPS GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 40 DIAGNOSTICS BIOCHIPS GLOBAL MARKET REVENUE, BY TYPE (2015-2023)(\$MN)

TABLE 41 CANCER DIAGNOSTICS BIOCHIPS GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 42 OTHER DIAGNOSTICS BIOCHIPS GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 43 FOOD & AGRICULTURE TESTING BIOCHIPS GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 44 OTHER APPLICATIONS BIOCHIPS GLOBAL MARKET REVENUE, BY REGION (2015-2023)(\$MN)

TABLE 45 BIOCHIPS GLOBAL MARKET REVENUE, BY END-USER, (2015-2023)(\$MN)

TABLE 46 PHARMACEUTICAL & BIOTECH COMPANIES BIOCHIPS GLOBAL END USERS MARKET REVENUE, BY REGION, (2015-2023)(\$MN)

TABLE 47 ACADEMIC & RESEARCH LABORATORIES BIOCHIPS GLOBAL END USERS MARKET REVENUE, BY REGION, (2015-2023)(\$MN)

TABLE 48 CRO'S BIOCHIPS GLOBAL END USERS MARKET REVENUE, BY REGION, (2015-2023)(\$MN)

TABLE 49 DIAGNOSTIC LABORATORIES BIOCHIPS GLOBAL END USERS MARKET REVENUE, BY REGION, (2015-2023)(\$MN)

TABLE 50 OTHERS BIOCHIPS GLOBAL END USERS MARKET REVENUE, BY REGION, (2015-2023)(\$MN)

TABLE 51 NORTH AMERICAN BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, (2015-2023)(\$MN)

TABLE 52 NORTH AMERICAN MICROARRAYS MARKET REVENUE, BY TYPE, (2015-2023)(\$MN)

TABLE 53 NORTH AMERICAN MICROFLUIDICS MARKET REVENUE, BY TYPE, (2015-2023)(\$MN)

TABLE 54 NORTH AMERICAN BIOCHIPS MARKET REVENUE, BY PRODUCTS (2015-2023)(\$MN)

TABLE 55 NORTH AMERICAN BIOCHIPS MARKET REVENUE, BY APPLICATION, (2015-2023)(\$MN)

TABLE 56 NORTH AMERICAN GENOMICS BIOCHIPS MARKET REVENUE, BY TYPE, (2015-2023)(\$MN)

TABLE 57 NORTH AMERICAN DRUG DISCOVERY BIOCHIPS MARKET REVENUE, BY TYPE, (2015-2023)(\$MN)

TABLE 58 NORTH AMERICAN DIAGNOSTICS BIOCHIPS MARKET REVENUE, BY

TYPE, (2015-2023)(\$MN)

TABLE 59 NORTH AMERICAN BIOCHIPS MARKET REVENUE, BY END-USERS,  
(2015-2023)(\$MN)

TABLE 60 EUROPEAN BIOCHIPS MARKET REVENUE, BY TECHNOLOGY,  
(2015-2023)(\$MN)

TABLE 61 EUROPEAN MICROARRAYS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 62 EUROPEAN MICROFLUIDICS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 63 EUROPEAN BIOCHIPS MARKET REVENUE, BY PRODUCTS  
(2015-2023)(\$MN)

TABLE 64 EUROPEAN BIOCHIPS MARKET REVENUE, BY APPLICATION,  
(2015-2023)(\$MN)

TABLE 65 EUROPEAN GENOMICS BIOCHIPS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 66 EUROPEAN DRUG DISCOVERY BIOCHIPS MARKET REVENUE, BY  
TYPE, (2015-2023)(\$MN)

TABLE 67 EUROPEAN DIAGNOSTICS BIOCHIPS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 68 EUROPEAN BIOCHIPS MARKET REVENUE, BY ENDUSERS,  
(2015-2023)(\$MN)

TABLE 69 ASIA PACIFIC BIOCHIPS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 70 ASIA PACIFIC MICROARRAYS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 71 ASIA PACIFIC MICROFLUIDICS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 72 ASIA PACIFIC BIOCHIPS MARKET REVENUE, BY PRODUCTS  
(2015-2023)(\$MN)

TABLE 73 ASIA PACIFIC BIOCHIPS MARKET REVENUE, BY APPLICATION,  
(2015-2023)(\$MN)

TABLE 74 ASIA PACIFIC GENOMICS BIOCHIPS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 75 ASIA PACIFIC DRUG DISCOVERY BIOCHIPS MARKET REVENUE, BY  
TYPE, (2015-2023)(\$MN)

TABLE 76 ASIA PACIFIC DIAGNOSTICS BIOCHIPS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 77 ASIA PACIFIC BIOCHIPS MARKET REVENUE, BY ENDUSERS,  
(2015-2023) (\$MN)

TABLE 78 ROW BIOCHIPS MARKET REVENUE, BY TYPE, (2015-2023) (\$MN)

TABLE 79 ROW MICROARRAYS MARKET REVENUE, BY TYPE, (2015-2023)(\$MN)

TABLE 80 ROW MICROFLUIDICS MARKET REVENUE, BY TYPE, (2015-2023)(\$MN)

TABLE 81 ROW BIOCHIPS MARKET REVENUE, BY PRODUCTS (2015-2023)(\$MN)

TABLE 82 ROW BIOCHIPS MARKET REVENUE, BY APPLICATION,  
(2015-2023)(\$MN)

TABLE 83 ROW GENOMICS BIOCHIPS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 84 ROW DRUG DISCOVERY BIOCHIPS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 85 ROW DIAGNOSTICS BIOCHIPS MARKET REVENUE, BY TYPE,  
(2015-2023)(\$MN)

TABLE 86 ROW BIOCHIPS MARKET REVENUE, BY ENDUSERS, (2015-2023)(\$MN)

TABLE 87 NEW PRODUCT LAUNCHES (2015-2017)

TABLE 88 AGREEMENTS, PARTNERSHIP, COLLABORATION & JOINT VENTURES  
(2015-2017)

TABLE 89 APPROVALS (2015-2017)

TABLE 90 MERGERS & ACQUISITIONS (2015-2017)

TABLE 91 OTHER DEVELOPMENTS (2014-2016)

TABLE 92 ABBOTT LABORATORIES: TOTAL REVENUE AND R&D EXPENSES,  
(2014-2016)(\$MN)

TABLE 93 ABBOTT LABORATORIES: TOTAL REVENUE, BY SEGMENTS,  
(2014-2016)(\$MN)

TABLE 94 ABBOTT LABORATORIES: TOTAL REVENUE, BY GEOGRAPHY,  
(2014-2016)(\$MN)

TABLE 95 AGILENT TECHNOLOGIES: TOTAL REVENUE AND R&D EXPENSES  
(2014-2016)(\$MN)

TABLE 96 AGILENT TECHNOLOGIES: TOTAL REVENUE, BY SEGMENTS,  
(2014-2016)(\$MN)

TABLE 97 AGILENT TECHNOLOGIES: TOTAL REVENUE, BY GEOGRAPHY,  
(2014-2016)(\$MN)

TABLE 98 BECTON DICKINSON AND COMPANY: TOTAL REVENUE AND R&D  
EXPENSES, (2014-2016)(\$MN)

TABLE 99 BECTON DICKINSON AND COMPANY: TOTAL REVENUE, BY  
SEGMENTS, (2014-2016)(\$MN)

TABLE 100 BECTON DICKINSON AND COMPANY: TOTAL REVENUE, BY LIFE  
SCIENCE SEGMENTS, (2014-2016)(\$MN)

TABLE 101 BECTON DICKINSON AND COMPANY: TOTAL REVENUE, BY  
GEOGRAPHY, (2014-2016)(\$MN)



TABLE 102 BIO-RAD LABORATORIES: TOTAL REVENUE AND R&D EXPENSES  
(2014-2016)(\$MN)

TABLE 103 BIO-RAD LABORATORIES: TOTAL REVENUE, BY SEGMENTS,  
(2014-2016)(\$MN)

TABLE 104 BIO-RAD LABORATORIES: TOTAL REVENUE, BY GEOGRAPHY,  
(2014-2016)(\$MN)

TABLE 105 DANAHER CORPORATION: TOTAL REVENUE AND R&D EXPENSES,  
(2014-2016)(\$MN)

TABLE 106 DANAHER CORPORATION: TOTAL REVENUE, BY SEGMENTS,  
(2014-2016)(\$MN)

TABLE 107 DANAHER CORPORATION: TOTAL REVENUE, BY GEOGRAPHY,  
(2014-2016)(\$MN)

TABLE 108 FLUIDIGM CORPORATION: OPERATIONAL REVENUE AND R&D  
EXPENSES (2014-2016)(\$MN)

TABLE 109 FLUIDIGM CORPORATION: TOTAL REVENUE, BY SEGMENTS,  
(2014-2016)(\$MN)

TABLE 110 FLUIDIGM CORPORATION: TOTAL REVENUE, BY GEOGRAPHY,  
(2014-2016)(\$MN)

TABLE 111 GE HEALTHCARE: TOTAL REVENUE AND R&D EXPENSES,  
(2014-2016)(\$MN)

TABLE 112 GENERAL ELECTRIC COMPANY : TOTAL REVENUE, BY SEGMENTS  
(2014-2016)(\$MN)

TABLE 113 GENERAL ELECTRIC COMPANY : TOTAL REVENUE, BY GEOGRAPHY  
(2014-2016)(\$MN)

TABLE 114 ILLUMINA INC: TOTAL REVENUE AND R&D EXPENSES  
(2014-2016)(\$MN)

TABLE 115 ILLUMINA INC: TOTAL REVENUE, BY GEOGRAPHY, (2014-2016)(\$MN)

TABLE 116 PERKINELMER, INC.: TOTAL REVENUE AND R&D EXPENSES  
(2014-2016)(\$MN)

TABLE 117 PERKINELMER, INC.: TOTAL REVENUE, BY SEGMENTS,  
(2014-2016)(\$MN)

TABLE 118 PERKINELMER, INC.: TOTAL REVENUE, BY GEOGRAPHY,  
(2014-2016)(\$MN)

TABLE 119 THERMOFISHER SCIENTIFIC, INC.: TOTAL REVENUE, BY SEGMENTS,  
(2014-2016)(\$MN)

TABLE 120 THERMO FISHER SCIENTIFIC, INC.: TOTAL REVENUE, BY  
SEGMENTS, (2014-2016)(\$MN)

TABLE 121 THERMO FISHER SCIENTIFIC, INC.: TOTAL REVENUE, BY  
GEOGRAPHY, (2014-2016)(\$MN)





## List Of Figures

### LIST OF FIGURES

FIGURE 1 BIOCHIPS GLOBAL MARKET SHARE AND REVENUE, BY REGION (2015-2023)

FIGURE 2 RESEARCH METHODOLOGY: BIOCHIPS GLOBAL MARKET

FIGURE 3 BIOCHIPS GLOBAL MARKET: TOP-DOWN AND BOTTOM-UP APPROACH

FIGURE 4 BIOCHIPS GLOBAL MARKET: FORECASTING MODEL

FIGURE 5 BIOCHIPS GLOBAL MARKET: MARKET BREAKDOWN & DATA TRIANGULATION

FIGURE 6 BIOCHIPS GLOBAL MARKET SEGMENTATION

FIGURE 7 MARKET DYNAMICS

FIGURE 8 BIOCHIPS GLOBAL MARKET: PORTER'S ANALYSIS

FIGURE 9 BIOCHIPS GLOBAL MARKET SHARE ANALYSIS,

FIGURE 10 MICROARRAYS GLOBAL MARKET SHARE ANALYSIS,

FIGURE 11 MICROFLUIDICS GLOBAL MARKET SHARE ANALYSIS,

FIGURE 12 BIOCHIPS GLOBAL MARKET: PCT PATENT FILING BY MAJOR PLAYERS (2012-2017)

FIGURE 13 BIOCHIPS GLOBAL MARKET SHARE, BY TECHNOLOGY (2016 V'S 2023) (%)

FIGURE 14 BIOCHIPS GLOBAL MARKET REVENUE, BY TECHNOLOGY TYPES (2016)

FIGURE 15 BIOCHIPS GLOBAL MARKET REVENUE, BY TECHNOLOGY TYPES (2016)

FIGURE 16 BIOCHIPS GLOBAL MARKET REVENUE, BY PRODUCTS (2016 V'S 2023)

FIGURE 17 BIOCHIPS GLOBAL MARKET REVENUE, BY APPLICATIONS (2016 V'S 2023)

FIGURE 18 BIOCHIPS GENOMICS, DIAGNOSTICS & DRUG DISCOVERY GLOBAL MARKET

REVENUE, BY APPLICATION TYPE (2016 V'S 2023)

FIGURE 19 BIOCHIPS GLOBAL MARKET SHARE, BY END-USERS (2016 V'S 2023)

FIGURE 20 BIOCHIPS GLOBAL MARKET REVENUE, BY REGION (2015-2023) (\$MN) CAGR (%)

FIGURE 21 NORTH AMERICAN BIOCHIPS MARKET REVENUE, BY TECHNOLOGY & PRODUCTS (2016 V'S 2023) (\$MN)

FIGURE 22 NORTH AMERICAN MICROARRAYS & MICROFLUIDICS MARKET

REVENUE, BY TYPES (2016 V'S 2023) (\$MN)

FIGURE 23 NORTH AMERICAN BIOCHIPS MARKET REVENUE, BY APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 24 NORTH AMERICAN BIOCHIPS APPLICATION MARKET REVENUE, BY TYPES (2016 V'S 2023) (\$MN)

FIGURE 25 NORTH AMERICAN BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 26 UNITED STATES BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 27 UNITED STATES BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 28 OTHER NORTH AMERICAN REGIONS BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 29 OTHER NORTH AMERICAN REGIONS BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 30 EUROPEAN BIOCHIPS MARKET REVENUE, BY TECHNOLOGY & PRODUCTS (2016 V'S 2023) (\$MN)

FIGURE 31 EUROPEAN MICROARRAYS AND MICROFLUIDICS MARKET REVENUE, BY TYPES (2016 V'S 2023) (\$MN)

FIGURE 32 EUROPEAN BIOCHIPS MARKET REVENUE, BY APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 33 EUROPEAN BIOCHIPS APPLICATION MARKET REVENUE, BY TYPE (2016 V'S 2023) (\$MN)

FIGURE 34 EUROPEAN BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 35 GERMANY BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 36 GERMANY BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 37 U.K. BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 38 U.K. BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 39 FRANCE BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 40 FRANCE BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 41 OTHER EUROPEAN REGIONS BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 42 OTHER EUROPEAN REGIONS BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 43 ASIA-PACIFIC BIOCHIPS MARKET REVENUE, BY TECHNOLOGY & PRODUCTS (2016 V'S 2023) (\$MN)

FIGURE 44 ASIA-PACIFIC MICROARRAYS AND MICROFLUIDICS MARKET REVENUE, BY TYPE (2016 V'S 2023) (\$MN)

FIGURE 45 ASIA-PACIFIC BIOCHIPS MARKET REVENUE, BY APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 46 ASIA-PACIFIC BIOCHIPS APPLICATION MARKET REVENUE, BY TYPE (2016 V'S 2023) (\$MN)

FIGURE 47 ASIA-PACIFIC BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 48 CHINA BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 49 CHINA BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 50 JAPAN BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 51 JAPAN BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 52 INDIA BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 53 INDIA BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 54 OTHER ASIA PACIFIC REGIONS BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 55 OTHER ASIA PACIFIC REGIONS BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 56 ROW BIOCHIPS MARKET REVENUE, BY TECHNOLOGY & PRODUCTS (2016 V'S 2023) (\$MN)

FIGURE 57 ROW MICROARRAY & MICROFLUIDICS MARKET REVENUE, BY TYPE (2016 V'S 2023) (\$MN)

FIGURE 58 ROW BIOCHIPS MARKET REVENUE, BY APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 59 ROW BIOCHIPS APPLICATION MARKET REVENUE, BY TYPE (2016 V'S 2023) (\$MN)

FIGURE 60 ROW BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 61 BRAZIL BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS

& APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 62 BRAZIL BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 63 REST OF LATIN AMERICA BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 64 REST OF LATIN AMERICA BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 65 MIDDLE EAST AND OTHERS BIOCHIPS MARKET REVENUE, BY TECHNOLOGY, PRODUCTS & APPLICATIONS (2016 V'S 2023) (\$MN)

FIGURE 66 MIDDLE EAST AND OTHERS BIOCHIPS MARKET REVENUE, BY END-USERS (2016 V'S 2023) (\$MN)

FIGURE 67 KEY GROWTH STRATEGIES, (2015 – 2017)

FIGURE 68 SWOT: ABBOTT LABORATORIES

FIGURE 69 SWOT: AGILENT TECHNOLOGIES

FIGURE 70 SWOT: BECTON DICKINSON AND COMPANY

FIGURE 71 SWOT: BIORAD LABORATORIES

FIGURE 72 SWOT: DANAHER CORPORATION

FIGURE 73 SWOT: FLUIDIGM CORPORATION

FIGURE 74 SWOT: GE HEALTHCARE

FIGURE 75 SWOT: ILLUMINA, INC.

FIGURE 76 SWOT: PERKINELMER, INC.

FIGURE 77 SWOT: THERMOFISHER SCIENTIFIC

## I would like to order

Product name: Biochips (Microarrays/Microfluidics) Global Market – Forecast To 2023

Product link: <https://marketpublishers.com/r/BFACFB29FC4EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/BFACFB29FC4EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970