

Global Biochips Product Market Size study, by Type (DNA Chips, Lab-on-a-Chips, Protein Chips, Other Arrays), by Fabrication Technology (Microarrays, Microfluidics), by End-User (Biotechnology and Pharmaceutical Companies, Hospitals & Diagnostic Centers, Academic & Research Institutes, Others) and Regional Forecasts 2020-2026

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Abstracts

Global Biochips Product Market is valued approximately at USD 15 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 18.5% over the forecast period 2020-2026. In recent years, the demand for biochips products has been witnessed significant growth in the healthcare sector. Biochips are a type of miniaturized medical device used in molecular laboratories to perform several biochemical reactions simultaneously. Biochips are often used in the rapid screening of biological analytes for a wide range of applications such as drug screening and development, and molecular diagnostics. It is designed with the help of microarray and microfluidic technologies, among which digital microfluid biochip is extremely effective, and has gained immense popularity in the biochemical field. Further, biochips possess some unique features including, integrated intelligence, speed, low cost, complexity and redundancy. Owing to these benefits, they are extensively utilized for the detection of cancer & other diseases, and to offer personalized medicines in the industry. Thus, rise in the prevalence of cancer and immunological disorders, increasing adoption of personalized medicine and growing number of elderly populations are the few factors responsible for high CAGR of the market over the forecast period. According to the International Agency for Research on Cancer (IARC), in 2018, there were around 17.0 million new cancer cases and 9.5 million cancer deaths registered throughout the world. Also, the global burden of cancer is expected to grow to almost 27.5 million new cancer cases and 16.3 million cancer

deaths by 2040. This, in turn, is expected to accelerate the demand for biochips product to screening cancer cells, thus contributing to the growth of the global market. However, high cost of biochip and lack of awareness about it in emerging nations are the few factors expected to hamper the growth of the market over the forecast period of 2020-2026.

The regional analysis of global Biochips Product market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to the rising prevalence of lifestyle diseases and cardiac disorder, along with the presence of well-developed healthcare infrastructure in the region. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2026, due to the large presence of aging population and improvement in patient awareness about biochips in the countries like China and India.

Major market player included in this report are:

Abbott Laboratories
Agilent Technologies, Inc.
PerkinElmer, Inc.
Fluidigm Corporation
Illumina, Inc.
GE Healthcare
Bio-Rad Laboratories Inc.
Cepheid Inc.
Thermo Fisher Scientific, Inc.
Roche Diagnostics

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Global Biochips Product Market Size study, by Type (DNA Chips, Lab-on-a-Chips, Protein Chips, Other Arrays), b...

DNA Chips
Lab-on-a-Chips
Protein Chips
Other Arrays

By Fabrication Technology:

Microarrays
Microfluidics

By End-User:

Biotechnology and Pharmaceutical Companies
Hospitals & Diagnostic Centers
Academic & Research Institutes
Others

By Region:

North America
U.S.
Canada
Europe
UK
Germany
Asia Pacific
China
India
Japan
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017, 2018

Base year – 2019

Forecast period – 2020 to 2026

Target Audience of the Global Biochips Product Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2026 (USD Billion)
 - 1.2.1. Biochips Product Market, by Region, 2018-2026 (USD Billion)
 - 1.2.2. Biochips Product Market, by Type, 2018-2026 (USD Billion)
 - 1.2.3. Biochips Product Market, by Fabrication Technology, 2018-2026 (USD Billion)
 - 1.2.4. Biochips Product Market, by End-User, 2018-2026 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL BIOCHIPS PRODUCT MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL BIOCHIPS PRODUCT MARKET DYNAMICS

- 3.1. Biochips Product Market Impact Analysis (2018-2026)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL BIOCHIPS PRODUCT MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2016-2026)

- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL BIOCHIPS PRODUCT MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Biochips Product Market by Type, Performance - Potential Analysis
- 5.3. Global Biochips Product Market Estimates & Forecasts by Type 2016-2026 (USD Billion)
- 5.4. Biochips Product Market, Sub Segment Analysis
 - 5.4.1. DNA Chips
 - 5.4.2. Lab-on-a-Chips
 - 5.4.3. Protein Chips
 - 5.4.4. Other Arrays

CHAPTER 6. GLOBAL BIOCHIPS PRODUCT MARKET, BY FABRICATION TECHNOLOGY

- 6.1. Market Snapshot
- 6.2. Global Biochips Product Market by Fabrication Technology, Performance - Potential Analysis
- 6.3. Global Biochips Product Market Estimates & Forecasts by Fabrication Technology 2016-2026 (USD Billion)
- 6.4. Biochips Product Market, Sub Segment Analysis
 - 6.4.1. Microarrays
 - 6.4.2. Microfluidics

CHAPTER 7. GLOBAL BIOCHIPS PRODUCT MARKET, BY END-USER

- 7.1. Market Snapshot
- 7.2. Global Biochips Product Market by End-User, Performance - Potential Analysis
- 7.3. Global Biochips Product Market Estimates & Forecasts by End-User 2016-2026 (USD Billion)
- 7.4. Biochips Product Market, Sub Segment Analysis

- 7.4.1. Biotechnology and Pharmaceutical Companies
- 7.4.2. Hospitals & Diagnostic Centers
- 7.4.3. Academic & Research Institutes
- 7.4.4. Others

CHAPTER 8. GLOBAL BIOCHIPS PRODUCT MARKET, REGIONAL ANALYSIS

- 8.1. Biochips Product Market, Regional Market Snapshot
- 8.2. North America Biochips Product Market
 - 8.2.1. U.S. Biochips Product Market
 - 8.2.1.1. Type breakdown estimates & forecasts, 2016-2026
 - 8.2.1.2. Fabrication Technology breakdown estimates & forecasts, 2016-2026
 - 8.2.1.3. End-User breakdown estimates & forecasts, 2016-2026
 - 8.2.2. Canada Biochips Product Market
- 8.3. Europe Biochips Product Market Snapshot
 - 8.3.1. U.K. Biochips Product Market
 - 8.3.2. Germany Biochips Product Market
 - 8.3.3. Rest of Europe Biochips Product Market
- 8.4. Asia-Pacific Biochips Product Market Snapshot
 - 8.4.1. China Biochips Product Market
 - 8.4.2. India Biochips Product Market
 - 8.4.3. Japan Biochips Product Market
 - 8.4.4. Rest of Asia Pacific Biochips Product Market
- 8.5. Latin America Biochips Product Market Snapshot
 - 8.5.1. Brazil Biochips Product Market
 - 8.5.2. Mexico Biochips Product Market
- 8.6. Rest of The World Biochips Product Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. Abbott Laboratories
 - 9.2.1.1. Key Information
 - 9.2.1.2. Overview
 - 9.2.1.3. Financial (Subject to Data Availability)
 - 9.2.1.4. Product Summary
 - 9.2.1.5. Recent Developments
 - 9.2.2. Agilent Technologies, Inc.

- 9.2.3. PerkinElmer, Inc.
- 9.2.4. Fluidigm Corporation
- 9.2.5. Illumina, Inc.
- 9.2.6. GE Healthcare
- 9.2.7. Bio-Rad Laboratories Inc.
- 9.2.8. Cepheid Inc.
- 9.2.9. Thermo Fisher Scientific, Inc.
- 9.2.10. Roche Diagnostics

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. LIST OF SECONDARY SOURCES, USED IN THE STUDY OF GLOBAL BIOCHIPS PRODUCT MARKET

TABLE 2. LIST OF PRIMARY SOURCES, USED IN THE STUDY OF GLOBAL BIOCHIPS PRODUCT MARKET

TABLE 3. GLOBAL BIOCHIPS PRODUCT MARKET, REPORT SCOPE

TABLE 4. YEARS CONSIDERED FOR THE STUDY

TABLE 5. EXCHANGE RATES CONSIDERED

TABLE 6. GLOBAL BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY REGION 2016-2026 (USD BILLION)

TABLE 7. GLOBAL BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY TYPE 2016-2026 (USD BILLION)

TABLE 8. GLOBAL BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY FABRICATION TECHNOLOGY 2016-2026 (USD BILLION)

TABLE 9. GLOBAL BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY END-USER 2016-2026 (USD BILLION)

TABLE 10. GLOBAL BIOCHIPS PRODUCT MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 11. GLOBAL BIOCHIPS PRODUCT MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 12. GLOBAL BIOCHIPS PRODUCT MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 13. GLOBAL BIOCHIPS PRODUCT MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 14. GLOBAL BIOCHIPS PRODUCT MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 15. GLOBAL BIOCHIPS PRODUCT MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 16. GLOBAL BIOCHIPS PRODUCT MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 17. GLOBAL BIOCHIPS PRODUCT MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 18. GLOBAL BIOCHIPS PRODUCT MARKET BY SEGMENT, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 19. GLOBAL BIOCHIPS PRODUCT MARKET BY REGION, ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 20. U.S. BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 21. U.S. BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 22. U.S. BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 23. CANADA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 24. CANADA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 25. CANADA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 26. UK BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 27. UK BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 28. UK BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 29. GERMANY BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 30. GERMANY BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 31. GERMANY BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 32. ROE BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 33. ROE BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 34. ROE BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 35. CHINA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 36. CHINA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 37. CHINA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 38. INDIA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 39. INDIA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY

SEGMENT 2016-2026 (USD BILLION)

TABLE 40. INDIA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 41. JAPAN BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 42. JAPAN BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 43. JAPAN BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 44. ROAPAC BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 45. ROAPAC BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 46. ROAPAC BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 47. BRAZIL BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 48. BRAZIL BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 49. BRAZIL BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 50. MEXICO BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 51. MEXICO BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 52. MEXICO BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 53. ROLA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 54. ROLA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 55. ROLA BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 56. ROW BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS, 2016-2026 (USD BILLION)

TABLE 57. ROW BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

TABLE 58. ROW BIOCHIPS PRODUCT MARKET ESTIMATES & FORECASTS BY SEGMENT 2016-2026 (USD BILLION)

List Of Figures

LIST OF FIGURES

FIG 1. GLOBAL BIOCHIPS PRODUCT MARKET, RESEARCH METHODOLOGY

FIG 2. GLOBAL BIOCHIPS PRODUCT MARKET, MARKET ESTIMATION
TECHNIQUES

FIG 3. GLOBAL MARKET SIZE ESTIMATES & FORECAST METHODS

FIG 4. GLOBAL BIOCHIPS PRODUCT MARKET, KEY TRENDS 2019

FIG 5. GLOBAL BIOCHIPS PRODUCT MARKET, GROWTH PROSPECTS 2020-2026

FIG 6. GLOBAL BIOCHIPS PRODUCT MARKET, PORTERS 5 FORCE MODEL

FIG 7. GLOBAL BIOCHIPS PRODUCT MARKET, PEST ANALYSIS

FIG 8. GLOBAL BIOCHIPS PRODUCT MARKET, VALUE CHAIN ANALYSIS

FIG 9. GLOBAL BIOCHIPS PRODUCT MARKET BY SEGMENT, 2016 & 2026 (USD
BILLION)

FIG 10. GLOBAL BIOCHIPS PRODUCT MARKET BY SEGMENT, 2016 & 2026 (USD
BILLION)

FIG 11. GLOBAL BIOCHIPS PRODUCT MARKET BY SEGMENT, 2016 & 2026 (USD
BILLION)

FIG 12. GLOBAL BIOCHIPS PRODUCT MARKET BY SEGMENT, 2016 & 2026 (USD
BILLION)

FIG 13. GLOBAL BIOCHIPS PRODUCT MARKET BY SEGMENT, 2016 & 2026 (USD
BILLION)

FIG 14. GLOBAL BIOCHIPS PRODUCT MARKET, REGIONAL SNAPSHOT 2016 &
2026

FIG 15. NORTH AMERICA BIOCHIPS PRODUCT MARKET 2016 & 2026 (USD
BILLION)

FIG 16. EUROPE BIOCHIPS PRODUCT MARKET 2016 & 2026 (USD BILLION)

FIG 17. ASIA PACIFIC BIOCHIPS PRODUCT MARKET 2016 & 2026 (USD BILLION)

FIG 18. LATIN AMERICA BIOCHIPS PRODUCT MARKET 2016 & 2026 (USD
BILLION)

FIG 19. GLOBAL BIOCHIPS PRODUCT MARKET, COMPANY MARKET SHARE
ANALYSIS (2019)

COMPANIES MENTIONED

Abbott Laboratories

Agilent Technologies, Inc.

PerkinElmer, Inc.

Fluidigm Corporation
Illumina, Inc.
GE Healthcare
Bio-Rad Laboratories Inc.
Cepheid Inc.
Thermo Fisher Scientific, Inc.
Roche Diagnostics

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