

## Biochips – A Global Market Overview

“The report reviews, analyzes and projects the global market for Biochips for the period 2016-2025. Biochips product types analyzed in this report include DNA Chip, Lab-on-a-Chip, Protein Chip and Other Biochips. Biochips fabrication technologies covered in this report include Microarrays and Microfluidics. The report also analyzes the end-user sectors of Biochips comprising Biotechnology & Pharmaceutical, Companies Academic & Research Institutes and Hospitals & Diagnostics Centers.”

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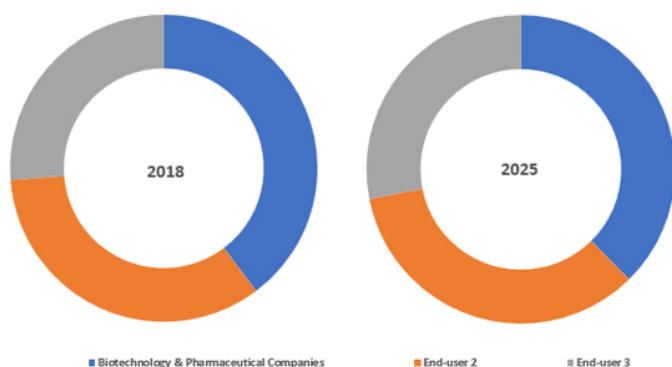
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### Report Synopsis

Rise in R&D investment as well as government funding in emerging economies are expected to provide lucrative growth opportunities for the biochips market. Increase in prevalence of cancer, immunological disorders, and viral infections majorly drive the growth of the global biochips market. Other factors that boost the market growth include rise in geriatric population, increase in number of biochip applications, and high adoption of personalized medications. On other hand, lack of technical knowledge related to biochips is a prominent restraint lowering the demand for biochip products.

Biotechnology & Pharmaceutical Companies constitutes the largest end user market for Biochips globally, estimated at US\$2.8 billion in 2018 and is expected to register a CAGR of 17.6% over 2018-2025 in reaching a projected US\$8.8 billion by 2025. The overall global market for Biochips is expected to reach US\$8.5 billion in 2019.

Global Biochips Market by End User in USD Million 2018-2025



Source: Industry Experts, Inc. <http://industry-experts.com>

### Research Findings & Coverage

- The global market research report on Biochips analyzes the global market with respect to by product types, fabrication technologies and end-user sectors
- Biochips' market size is estimated in this report by product types, fabrication technologies and end-user sectors across all major countries

- Technological Advances in Biochip Enable Next-Generation DNA Sequencing Technologies
- Real Blood Vessels on a Microfluidic Biochip: Organs-on-a -Chip
- MIT Develops Neuromorphic Chip that Can Work Like a Human Brain
- Body-on-a-chip to Aid Next-Generation Drug Testing
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 28
- The industry guide includes the contact details for 160 companies

### Product Outline

The market for key product types of Biochips studied in this report comprise the following:

- DNA Chip
- Lab-on-a-Chip
- Protein Chip
- Other Biochips

The report analyzes the market for the following fabrication technologies of Biochips:

- Microarrays
- Microfluidics

The report analyzes the market for the following end-use sectors of Biochips:

- Biotechnology & Pharmaceutical Companies
- Academic & Research Institutes
- Hospitals & Diagnostics Centers

### Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Biochips market for the period 2016-2025 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2018 through 2025

### Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (Germany, France, the United Kingdom, Italy, Spain and Rest of Europe)
- **Asia-Pacific** (Japan, China, India, South Korea and Rest of Asia-Pacific)
- **South America** (Brazil and Rest of SA)
- **Rest of World**

## SAMPLE COMPANY PROFILE

### ABBOTT LABORATORIES (THE UNITED STATES)

100 Abbott Park Road  
Abbott Park, Illinois 60064  
Phone: (224) 667-6100  
Website: www.abbott.com

#### Business Overview

Incorporated in 1900, Abbott Laboratories (Abbott) is a leader in the research & discovery, development, manufacture and selling of healthcare products and solutions. The company operates under four segments - Established Pharmaceutical Products, Diagnostic Products, Nutritional Products and Vascular Products. Abbott's key product line includes rhythm management products, electrophysiology products, heart failure related products, vascular products, structural heart products and neuromodulation products. Some of the key diversified products of the company include blood glucose and flash glucose monitoring systems, test strips, sensors, data management decision software, and accessories for people with diabetes, under the FreeStyle brand, and medical devices for the eye, including cataract surgery, laser-assisted in situ keratomileusis (LASIK) surgery, contact lens care products and dry eye products. The key customers of the company encompass wholesalers, government agencies, private healthcare organizations, healthcare facilities, mail order pharmacies, and independent retailers from its distribution centers and public warehouses.

Abbott's Diagnostic Products segment provides immunoassay & clinical chemistry systems including ARCHITECT, ABBOTT PRISM, and Alinity family of instruments, with assays used for screening and/or diagnosis for cancer, cardiac, metabolics, drugs of abuse, fertility, general chemistries, infectious diseases, such as hepatitis and human immunodeficiency virus (HIV), and therapeutic drug monitoring; a range of hematology systems and reagents known as the Cell-Dyn series; the i-STAT and i-STAT Alinity point-of-care diagnostic systems. The Nutritional product segment offers a wide range of pediatric and adult nutritional products manufactured, marketed and sold around the world. The key products include prepared infant formula and follow-on formula, including Similac, Similac Pro-Advance, Similac Advance, Similac Pro-Sensitive, Similac Sensitive, Go&Grow by Similac, Similac NeoSure, Similac Organic, Similac Special Care, Similac Total Comfort and others. Abbott's vascular segment provides coronary, endovascular, vessel closure and structural heart devices for the treatment of vascular disease that are manufactured, marketed and sold worldwide. The products in the Vascular Products segment include the XIENCE family of drug-eluting coronary stent systems developed on the Multi-Link Vision platform; StarClose SE and ProGlide vessel closure devices; TREK coronary balloon dilatation products; Hi-Torque Balance Middleweight Universal and ASAHI coronary guidewires; MitraClip.

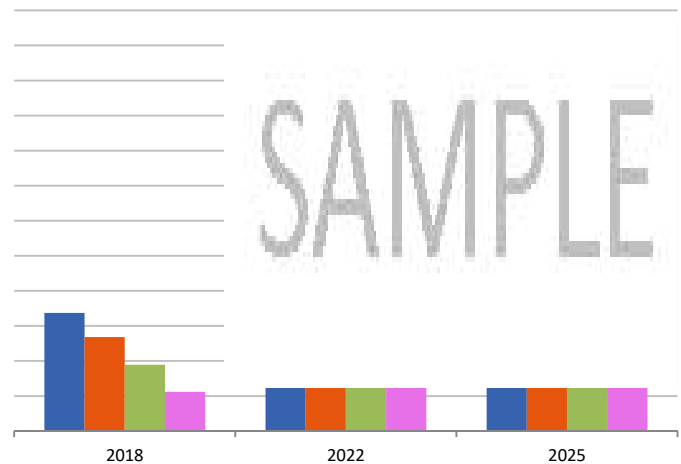
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## SAMPLE TABLE/CHART

Glance at 2019 Global Biochips Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific, South America and Rest of World



North American Biochips Market Analysis (2016-2025) by Product – DNA Chip, Lab-on-a-Chip, Protein Chip and Other Biochips in USD Million



## KEY PLAYERS PROFILED

- Abbott Laboratories
- Agilent Technologies, Inc.
- Beckman Coulter, Inc.
- Bio-Rad Laboratories, Inc.
- Cepheid, Inc.
- F. Hoffmann-La Roche AG
- GE Healthcare, Ltd.
- Illumina, Inc.
- Perkinelmer, Inc.
- Qiagen N.V.
- Thermo Fisher Scientific, Inc.

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