

Biochips – A Global Market Overview

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Abstracts

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.

Research Findings & Coverage

Theglobalmarket research report on Biochipsanalyzesthe 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 fabricationtechnologies 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 globalBiochipsmarket for the period 2016-2025 in terms ofmarket 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



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Agilent Technologies, Inc Unveils InfinityLab Liquid Chromatography/Mass Selective Detector iQ (LC/MSD iQ)

Thermo Fisher Acquires HighChem LLC, Slovakia

Thermo Fisher Develops New Sensititre ARIS HiQ AST System

Thermo Fisher and Evosep Join Hands to Develop Clinical Research Proteomics

Workflows for Research and Pharmaceutical Applications

Agilent Technologies, Inc Showcase Advance Immunotherapy Portfolio at American

Association of Immunologists (AAI) California

Merck KGaA Invests in Irvine Facility

Fluidigm Corporation Launches Advanta RNA Fusions NGS Library Prep Assay to lead Clinical Cancer Research

Samsung Develops New Exynos I Chips

Roche Group Unveils VENTANA HER2 Dual ISH DNA Probe Cocktail Assay for Cancer Therapy

QIAGEN NV Selects NeuMoDx Molecular, Inc for CE-IVD Assays Purchase

Thermo Fisher Launches new Microscope - The Helios 5 DualBeam FIB-SEM

FDA Approval for Bio-Rad's QXDx AutoDG ddPCR System and QXDx BCR-ABL %IS Kit

Fluidigm Corporation and Indica Labs, Inc Enter Co-Marketing Agreement to Promote Digital Pathology Investigations

Illumina, Inc Unveils New Infinium Global Diversity Array

USDA FSIS Select Bio-Rad for iQ-Check real-time PCR Pathogen Detection

Illumina, Inc to Acquire Pacific Biosciences of California, Inc

QIAGEN NV Unveils DNeasy Plant Pro Kit for DNA Use



FDA Approval for Bio-Rad's IH-Reader 24, Blood Typing Instrument Roche Group Unveils NGS AVENIO Tumor Tissue Analysis Kits for Oncology Research Illumina Develops New TruSightTM Oncology 500 (TSO 500) Pan-Cancer Assay Fluidigm and GenomOncology Join Hands to Offer Immuno-Oncology Gene Expression Solutions FDA Approval for Cepheid's Xpert Xpress Flu/RSV Test Beckman Coulter's Access Sensitive Estradiol Assay Receives license by Health Canada to Aid in Reproductive Health Management Illumina, Inc Acquires Edico Genome, Inc Fluidigm Launches High-Parameter Maxpar Immune Monitoring Panel for Clinical Research Merck KGaA and Incheon Free Economic Zone (IFEZ) Collaborate to Establish Cell Culture Facility in Songdo, Incheon Emulate, Inc and Roche Join hands on Drug Discovery Platform "Human Emulation System" Thermo Fisher Launches NGS Ion GeneStudio S5 Series Instrument for Disease **Research Use** Merck and Samsung Biologics Sign Memorandum of Understanding on **Biopharmaceutical Production and Biological process Development** Illumina, Inc. Launches NextSeg 550Dx Instrument Roche Group Presents Cancer Immunotherapy Progression at the European Society for Medical Oncology Congress, Spain Merck to Acquire Natrix Fluidigm Enter into Partnership with Ascendas Genomics to Develop Microfluidic Molecular Diagnostics in China Bio-Rad Receives FDA Clearance for its BioPlex 2200 Syphilis Total & RPR Assay DiaSorin and QIAGEN NV Join Hands to Develop LIAISON Test Menu Thermo Fisher Unveils Ion AmpliSeq Next-Generation Sequencing (NGS) Line of Assavs Illumina and Royal Philip Collaborate on Genomic Solution PerkinElmer, Inc Unveils Vectra Polaris Automated Quantitative Pathology Imaging System QIAGEN NV Develops Enhancements for the GeneReader NGS System Celgene to Acquire Delinia

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