

Asia Pacific Biochips Market (2019-2025)

<https://marketpublishers.com/r/A23DF203C7C7EN.html>

Date: August 2019

Pages: 87

Price: US\$ 1,500.00 (Single User License)

ID: A23DF203C7C7EN

Abstracts

The Asia Pacific Biochips Market would witness market growth of 12.7% CAGR during the forecast period (2019-2025). The Asia-Pacific region is projected to record the most rapidly evolving healthcare infrastructure, especially in India and China, in the forecast period.

Backgrounds in science and medicine have helped to break through recent developments in biochip technologies, which combine next-generation sequencing (NGS) with real problems. Since biochip technologies themselves are used in sequence technology, their scalability and throughput are the major advantages of biochips. NGS has supported breakthrough scientific developments and technical advances in medicine through the benefits of biochips. However, all existing NGS platforms require the preparation of nucleic acids at certain levels which makes biology-specific systems of interest difficult to analyze.

In the field of biomedical and biotechnological studies, biochips are becoming increasingly used. As the technology in the sector of medicine progresses, the use of proteomics biochips such as microarrays has been increasing. Low sample consumption and their inclination to miniaturization include the benefits of protein biochips. For example, protein microarrays can simultaneously display multiple proteins, which translate into the ability to process thousands of samples in parallel.

Based on Product, the market is segmented into DNA Chip, Protein Chip, Lab-on-Chip and Other Products. Based on Application, the market is segmented into Drug Discovery and Development, Disease Diagnostics, Genomics, Proteomics, Agriculture and Other Applications. Based on countries, the market is segmented into China, Japan, India, South Korea, Singapore, Malaysia, and Rest of Asia Pacific.

The market research report covers the analysis of key stake holders of the market. Key

companies profiled in the report include Based on Product, the market is segmented into DNA Chip, Protein Chip, Lab-on-Chip and Other Products. Based on Application, the market is segmented into Drug Discovery and Development, Disease Diagnostics, Genomics, Proteomics, Agriculture and Other Applications.

Scope of the Study

Market Segmentation:

By Product

DNA Chip

Protein Chip

Lab-on-Chip and

Other Products

By Application

Drug Discovery and Development

Disease Diagnostics

Genomics

Proteomics

Agriculture and

Other Applications

By End User

Biotechnology and Pharmaceutical Sector

Hospitals and Diagnostics Centers

Academic and Research Institutes and

Other End Users

By Country

China

Japan

India

South Korea

Singapore

Malaysia

Rest of Asia Pacific

Companies Profiled

Fluidigm Corporation

Horiba Ltd.

PerkinElmer, Inc.

OriGene Technologies, Inc.

Dynamic Biosensors GmbH

Illumina, Inc.

Qiagen N.V.

Bio-Rad Laboratories, Inc.

Randox Laboratories Limited

Thermo Fisher Scientific, Inc.

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