

# Genomics and Proteomic Tools for Emerging Markets in Asia-Pacific

<https://marketpublishers.com/r/GFB14C690F58EN.html>

Date: February 2020

Pages: 106

Price: US\$ 2,750.00 (Single User License)

ID: GFB14C690F58EN

## Abstracts

### REPORT SCOPE:

The report would cover the Genomics and Proteomics Tools market, dynamics and competitive landscape of the Emerging markets in the Asia-Pacific. Key countries to be covered includes-China, South Korea and India. The market would cover products or tools for performing genomics and proteomics studies. Technologies and the products that would be covered in the report include%li%Sequencing technologies-Sangers Sequencing & Next Generation Sequencing, PCR Technologies, Flow Cytometry, Mass Spectrometry, Nucleic Acid Sample Preparation technologies(technique) and Separation Technologies for Nucleic Acids. A competitive Landscape for key selected technologies is covered along with profiles of manufacturers engaged in providing related technological products or services.

### REPORT INCLUDES -

22 data tables and 20 additional tables

An overview of the Asia-Pacific (APAC) markets for genomics and proteomic tools within the life sciences industry

Country-specific data and market analysis of genomics and proteomic technologies for China, India, South Korea and other emerging economies

Analyses of the APAC market trends, with data from 2018 to 2019, and projections of compound annual growth rates (CAGRs) through 2023

Information on factors driving the industry's growth, current trends and opportunities, regulatory challenges and technological advancements that will shape the future - marketplace within APAC region

Identification of the companies best-positioned to meet the enormous supply demand equation because of their proprietary technologies, strategic alliances or other advantages

Assessment of the competitive landscape and data corresponding to shares of leading market participants

Patent study and analysis covering significant allotments of the U.S. patents

Company profiles of leading market players within the APAC emerging markets, including 3Billion Inc., Bio-Rad Laboratories Inc., GE Healthcare, Novogene Corp., Qiagen NV, Thermo Fisher Scientific Inc., and Waters Corp.

## Contents

### CHAPTER 1 INTRODUCTION

Scope of Report  
Research Methodology  
Information Sources  
Geographic Breakdown  
Analyst's Credentials  
BCC Custom Research  
Related BCC Research Reports

### CHAPTER 2 SUMMARY AND HIGHLIGHTS

### CHAPTER 3 MARKET LANDSCAPE OF GENOMICS AND PROTEOMICS TOOLS BY TECHNOLOGY AND PRODUCTS

Overview  
History of Life Sciences  
Genomics  
Proteomics  
Protein Expression  
Market Size and Forecast for Genomics and Proteomics Market for Asia-Pacific  
Sequencing Technologies  
Market Size and Forecast for Sanger Technology  
Market Analysis in Asia-Pacific for NGS Sequencing Technologies  
Polymerase Chain Reaction  
Instruments and Components of PCR  
PCR Technologies  
Market Analysis in Asia-Pacific for PCR Technologies  
Mass Spectrometry  
MS-Based Proteomics Technologies  
Sample Preparation Assays  
Tagging/Affinity Methods  
Utility of Proteomics to Identify Biomarkers  
MS Instruments and Consumables  
Market Analysis for Asia-Pacific for Mass Spectrometry Technologies  
Flow Cytometry  
Principles and Components of Flow Cytometry

Types of Flow Cytometry  
Clinical Applications  
Future Clinical Use  
Market Analysis for Asia-Pacific for Flow Cytometry Technologies  
Electrophoresis Technologies  
Gel Electrophoresis  
Capillary Electrophoresis  
Market Analysis for Asia-Pacific for Separation Technologies  
Nucleic Acid Purification  
Instruments  
Instrument Market Subsegments  
Consumables  
Accessories  
Sample Preparation Kits  
Market Analysis for Asia-Pacific by Purification Technologies (Nucleic Acid and Proteins) Technology and Products  
Market Dynamics  
Drivers  
Restraints  
Opportunities  
Challenges

## **CHAPTER 4 GENOMICS AND PROTEOMICS TOOLS MARKET FOR EMERGING MARKETS OF ASIA-PACIFIC BY COUNTRY**

Asia  
Asia a New Hub for R&D  
China Leading Asia and Positioned to Lead World Genomics  
China  
India  
South Korea

## **CHAPTER 5 COMPETITIVE LANDSCAPE**

Genomics and Proteomic Tools/Technologies  
Sequencing Technologies  
PCR Technology  
Nucleic Acid Purification and Separation  
Nucleic Acid Separation Technologies

## CHAPTER 6 COMPANY PROFILES

3BILLION INC.  
ABBOTT LABORATORIES  
AGILENT TECHNOLOGIES INC.  
ACCURAGEN INC.  
BERRY GENOMICS CO., LTD.  
BIO-TECHNE  
BIO-RAD LABORATORIES INC.  
BIOSAN  
BRUKER CORP.  
DANAHER CORP.  
GE HEALTHCARE U.K., LTD.  
ILLUMINA INC.  
LUCIGEN CORP.  
MACROGEN INC.  
MEDGENOME LABS PVT., LTD.  
MYRIAD GENETICS INC.  
NUGEN TECHNOLOGIES INC.  
NOVOGENE CORP.  
ORIGENE CHINA  
PERKIN-ELMER  
PACIFIC BIOSCIENCES OF CALIFORNIA INC.  
QIAGEN NV  
READER BIOINFORMATICS  
SHIMADZU CORP.  
SINOGENOMAX  
STRAND LIFE SCIENCES PVT., LTD.  
SYSMEX-PARTEC GMBH  
TAKARA BIO INC.  
THERMO FISHER SCIENTIFIC INC.  
VELA DIAGNOSTICS  
WATERS CORP.  
ZIXIN PHARMACEUTICAL INDUSTRIAL CO., LTD.

## List Of Tables

### LIST OF TABLES

Summary Table: Genomics and Proteomics Tools for Emerging Markets in Asia-Pacific, by Technology, Through 2023

Table 1: Genomics and Proteomics Tools for Emerging Markets in Asia-Pacific, by Technologies, Through 2023

Table 2: Sanger's Sequencing Market in Asia-Pacific, by Product Type, Through 2023

Table 3: Next-Generation Sequencing Technologies

Table 4: Roche Next-Generation Sequencing Workflow

Table 5: Illumina Next-Generation Sequencing Workflow

Table 6: Thermo Fisher Next-Generation Sequencing Workflow

Table 7: Benchtop and Handheld Sequencer Platforms

Table 8: NGS Sequencing Market in Asia-Pacific, by Technology, Through 2023

Table 9: NGS Sequencing Market in Asia-Pacific, by Product Type, Through 2023

Table 10: Key Applications of PCR Technology

Table 11: PCR Market in Asia-Pacific, by Technology, Through 2023

Table 12: PCR Market in Asia-Pacific, by Product, Through 2023

Table 13: Mass Spectrometry Generalized Workflow Schematic

Table 14: Mass Spectrometer Platforms

Table 15: Mass Spectrometry Market in Asia-Pacific, by Technology, Through 2023

Table 16: Mass Spectrometry Market in Asia-Pacific, by Product Type, Through 2023

Table 17: Advantages and Disadvantages of Flow Cytometry

Table 18: Flow Cytometry Market in Asia-Pacific, by Technology, Through 2023

Table 19: Flow Cytometry Emerging Markets in Asia-Pacific, by Product Type, Through 2023

Table 20: Benefits and Limitations of Commonly Used Dyes

Table 21: Separation Mechanism and Applications of Modes of CE

Table 22: Benefits of Electrochemical Detection

Table 23: Nucleic Acid Separation Market in Asia-Pacific, by Technology, Through 2023

Table 24: Nucleic Acid Separation Emerging Markets in Asia-Pacific, by Product Type, Through 2023

Table 25: Nucleic Acid Separation Market in Asia-Pacific, by Instrument Type, Through 2023

Table 26: Nucleic Acid Purification Market in Asia-Pacific, by Product Type, Through 2023

Table 27: Nucleic Acid Sample Preparation Emerging Markets in Asia-Pacific, by Instrument Type, Through 2023

Table 28: Chinese Genomics and Proteomics Tools, by Technology, Through 2023

Table 29: Chinese Genomics and Proteomics Tools, by Product Type, Through 2023

Table 30: Indian Genomics and Proteomics Tools, by Technology, Through 2023

Table 31: Indian Genomics and Proteomics Tools, by Product Type, Through 2023

Table 32: South Korean Genomics and Proteomics Tools, by Technology, Through 2023

Table 33: South Korean Genomics and Proteomics Tools, by Product Type, Through 2023

Table 34: Top Manufacturers of Sequencing Tools (Sangers and NGS Sequencing Tools) for Emerging Markets of Asia-Pacific for Research and Clinical diagnostics

Table 35: Key Products of Sequencing and Next-Generation Sequencing Tools and Reagents and Their Manufacturers in Asia-Pacific

Table 36: Top Manufacturers of PCR Technologies for Emerging Markets of Asia-Pacific for Research and Clinical Diagnostics

Table 37: Key Products of PCR Tools and Reagents and Their Manufacturers in Asia-Pacific

Table 38: Top Manufacturers of Nucleic Acid Purification and Extraction Technologies for Emerging Markets of Asia-Pacific for Research and Clinical Diagnostics

Table 39: Key Products of Nucleic Acid Purification and Extraction Tools and Reagents and Their Manufacturers in Asia-Pacific

Table 40: Top Manufacturers of Nucleic Acid Separation Technologies for Emerging Markets of Asia-Pacific for Research and Clinical Diagnostics

Table 41: Nucleic Acid Separation Technologies: Key Manufacturers' Product Portfolio

## List Of Figures

### LIST OF FIGURES

Summary Figure: Genomics and Proteomics Tools for Emerging Markets in Asia-Pacific, by Technology, 2018-2023



## I would like to order

Product name: Genomics and Proteomic Tools for Emerging Markets in Asia-Pacific

Product link: <https://marketpublishers.com/r/GFB14C690F58EN.html>

Price: US\$ 2,750.00 (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/GFB14C690F58EN.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