

# **Genomics Market Size, Share & Trends Analysis By Product & Service, By Technology, By Application, By End User, Regional Outlook, Competitive Strategies and Segment Forecasts to 2030**

<https://marketpublishers.com/r/G358DB36EA53EN.html>

Date: April 2022

Pages: 223

Price: US\$ 4,250.00 (Single User License)

ID: G358DB36EA53EN

## **Abstracts**

Global genomics market is projected to be worth USD 124.99 billion by 2030

According to SPER Market Research, the genomics market is estimated to reach USD 124.99 billion by 2030 with a CAGR of 18.6%. Rising demand for personalized medicine is increasing the adoption and exploration of genomic research to better understand human genome.

### **Impact of COVID-19 on the Genomics Market**

COVID-19 has largely impacted healthcare industry and transformed it with many advancements and changes. Pharmaceutical companies and government bodies have taken steps to fasten research activities and increased funding to accelerate the discovery and development of vaccines. Genome sequencing of SARS-CoV-2 can help in identifying the spread of infection in human and effect on human genome. The information gathered through this technique can be used to develop effective treatment approaches.

### **Scope of the report:**

Market size available for years 2019-2030

Base year considered 2021

Forecast period 2022-2030

Segments covered By Product & Service, By Technology, By Application, By End User

Geographies covered North America, Europe, APAC, Latin America and the Middle East & Africa

Companies Covered Agilent Technologies, Inc., BGI, Bio-Rad Laboratories, Inc., F. Hoffmann-La Roche Ltd., Illumina, Inc., QIAGEN N.V., Thermo Fisher Scientific

**Driver: Rising funding for genomic study**

Many government initiatives are taken to increase funding for genomics project. These fundings have supported the development of novel technologies. In such scenario, the adoption of genomic products will increase and drive the growth of this market.

**Restraints: Stringent regulations**

Stringent regulatory framework restraint the growth of genomics market. During the pandemic, the demand has been created for safer, improved and faster detection instruments. To launch a new product in the market, manufacturers have to pass restructured regulatory guidelines.

**Opportunity: Application of genomics in personalized medicine**

The advancements in the gene therapy will help in developing personalized treatment approaches. It can replace surgeries and traditional drugs by inserting a desired gene into patient's cell. Personalized treatment can help in reducing healthcare costs, increase drug safety and optimize therapies. Understanding the expression of genes in humans will revolutionize the field of specialized and personalized medicine

**Challenges: Lack of trained professionals**

The lack of trained professionals is a significant challenge to the growth of this market. Huge amounts of data is generated in genomic studies which require trained reader to interpret it to establish research findings. The rapidly changing biological sciences has created demand for many new skills which many technicians and professionals lack. In order to meet the demand, proper training have to be developed.

**Genomics Market by Product & Service:**

Based on product & service, market has been segmented into Systems & Software, Consumables, Services

**Genomics Market by Technology:**

Based on technology, the market is segmented into Sequencing, PCR, Nucleic Acid Extraction and Purification, Microarray, Other Technologies

**Genomics Market by application:**

Based on application, the market is segmented into Drug Discovery and Development, Diagnostics, Agriculture and Animal Research, Other Applications

#### Genomics Market by End User:

Based on end user, the market is segmented into Hospitals & Clinics, Research Centers and Academic & Government Institutes, Pharmaceutical & Biotechnology Companies, Other End Users

Pharmaceutical & Biotechnological companies have the largest share of this market by end user due to rising number of projects in genetic research and rising demand for genomics to improve the drug development process.

#### Genomics Market by Region:

North America owns the largest share of this market owing to supportive government initiatives, presence of key market leaders, rising strategic collaborations and partnerships, increasing regulatory approvals and changing regulatory scenarios for reimbursement.

## Contents

### **1. INTRODUCTION**

- 1.1. Scope of the report
- 1.2. Market segment analysis

### **2. RESEARCH METHODOLOGY**

- 2.1. Research data source
  - 2.1.1. Secondary data
  - 2.1.2. Primary data
  - 2.1.3. SPER's internal database
  - 2.1.4. Premium insight from KOL's
- 2.2. Market size estimation
  - 2.2.1. Top-down and Bottom-up approach
- 2.3. Data triangulation

### **3. EXECUTIVE SUMMARY**

### **4. MARKET DYNAMICS**

- 4.1. Driver, Restraint, Opportunity and Challenges analysis
  - 4.1.1. Drivers
  - 4.1.2. Restraints
  - 4.1.3. Opportunities
  - 4.1.4. Challenges
- 4.2. COVID-19 Impact of the Genomics Market

### **5. MARKET VARIABLES AND OUTLOOK**

- 5.1. SWOT analysis
  - 5.1.1. Strengths
  - 5.1.2. Weaknesses
  - 5.1.3. Opportunities
  - 5.1.4. Threats
- 5.2. PESTEL analysis
  - 5.2.1. Political landscape
  - 5.2.2. Economic landscape

- 5.2.3. Social landscape
- 5.2.4. Technological landscape
- 5.2.5. Environmental landscape
- 5.2.6. Legal landscape
- 5.3. PORTER'S five forces analysis
  - 5.3.1. Bargaining power of suppliers
  - 5.3.2. Bargaining power of Buyers
  - 5.3.3. Threat of Substitute
  - 5.3.4. Threat of new entrant
  - 5.3.5. Competitive rivalry
- 5.4. Heat map analysis

## **6. GLOBAL GENOMICS MARKET, BY PRODUCT & SERVICE, 2019-2030 (USD MILLION)**

- 6.1. Systems & Software
- 6.2. Consumables
- 6.3. Services

## **7. GLOBAL GENOMICS MARKET, BY TECHNOLOGY, 2019-2030 (USD MILLION)**

- 7.1. Sequencing
- 7.2. PCR
- 7.3. Nucleic Acid Extraction and Purification
- 7.4. Microarray
- 7.5. Other Technologies

## **8. GLOBAL GENOMICS MARKET, BY APPLICATION, 2019-2030 (USD MILLION)**

- 8.1. Drug Discovery and Development
- 8.2. Diagnostics
- 8.3. Agriculture and Animal Research
- 8.4. Other Applications

## **9. GLOBAL GENOMICS MARKET, BY END USER, 2019-2030 (USD MILLION)**

- 9.1. Hospitals & Clinics
- 9.2. Research Centers and Academic & Government Institutes
- 9.3. Pharmaceutical & Biotechnology Companies

## 9.4. Other End Users

# 10. GLOBAL GENOMICS MARKET, BY REGION, 2019-2030 (USD MILLION)

## 10.1. North America

10.1.1. United States

10.1.2. Canada

10.1.3. Mexico

## 10.2. Europe

10.2.1. Germany

10.2.2. United Kingdom

10.2.3. France

10.2.4. Italy

10.2.5. Spain

10.2.6. Rest of Europe

## 10.3. Asia-Pacific

10.3.1. China

10.3.2. Japan

10.3.3. India

10.3.4. Australia

10.3.5. South Korea

10.3.6. Rest of Asia-Pacific

## 10.4. South America

10.4.1. Brazil

10.4.2. Argentina

10.4.3. Rest of South America

## 10.5. Middle East & Africa

10.5.1. Kingdom of Saudi Arabia

10.5.2. United Arab Emirates

10.5.3. Rest of Middle East & Africa

# 11. COMPANY PROFILES

## 11.1. Agilent Technologies, Inc.

11.1.1. Company details

11.1.2. Financial outlook

11.1.3. Product summary

11.1.4. Recent developments

## 11.2. BGI

- 11.2.1. Company details
- 11.2.2. Financial outlook
- 11.2.3. Product summary
- 11.2.4. Recent developments
- 11.3. Bio-Rad Laboratories, Inc.
  - 11.3.1. Company details
  - 11.3.2. Financial outlook
  - 11.3.3. Product summary
  - 11.3.4. Recent developments
- 11.4. F. Hoffmann-La Roche Ltd.
  - 11.4.1. Company details
  - 11.4.2. Financial outlook
  - 11.4.3. Product summary
  - 11.4.4. Recent developments
- 11.5. Illumina, Inc.
  - 11.5.1. Company details
  - 11.5.2. Financial outlook
  - 11.5.3. Product summary
  - 11.5.4. Recent developments
- 11.6. QIAGEN N.V.
  - 11.6.1. Company details
  - 11.6.2. Financial outlook
  - 11.6.3. Product summary
  - 11.6.4. Recent developments
- 11.7. Thermo Fisher Scientific
  - 11.7.1. Company details
  - 11.7.2. Financial outlook
  - 11.7.3. Product summary
  - 11.7.4. Recent developments

## I would like to order

Product name: Genomics Market Size, Share & Trends Analysis By Product & Service, By Technology, By Application, By End User, Regional Outlook, Competitive Strategies and Segment Forecasts to 2030

Product link: <https://marketpublishers.com/r/G358DB36EA53EN.html>

Price: US\$ 4,250.00 (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/G358DB36EA53EN.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