

## **Genotyping Market: Global Industry Analysis, Trends, Market Size, and Forecasts up to 2030**

Market Report | 2023-08-16 | 300 pages | Infinium Global Research and Consulting Solutions

### **AVAILABLE LICENSES:**

- 1-5 User \$4795.00
- Enterprise \$7195.00

### **Report description:**

The report on the global genotyping market provides qualitative and quantitative analysis for the period from 2021-2030. The global genotyping market was valued at around USD 13.3 billion in 2022 and is expected to reach USD 38.7 billion in 2030, with a CAGR of 12.5% during the forecast period 2023-2030. The study on genotyping market covers the analysis of the leading geographies such as North America, Europe, Asia Pacific, and RoW for the period of 2021-2030.

Rising penetration of genetic diseases such as cancer, diabetes, and tuberculosis, propels the market of genotyping market. According to the World Health Organization's 2022, - it is projected that 10.6 million people fell ill with Tuberculosis (TB) in 2021, an increase of 4.5% from 2020, and 1.6 million people died from TB (including 187 000 among HIV-positive people). Additionally, according to IDF, " By 2045 approximately 783 million, will be living with diabetes, an increase of 46%. As per the World Health Organization (WHO), it's projected that around 10-11 million cancer cases are going to be diagnosed every year globally by 2030. These diseases are driven by socio-economic, demographic, environmental, and genetic factors. Thus, genotyping can be used to identify predetermined genetic aberration. As the demand for genotyping grows, manufacturers are investing in research and development to boost the market even further.

The global genotyping market is bifurcated by product, technology, application, and end-use. Further, the product segment is further bifurcated into instruments, reagents & kits, bioinformatics, and software and services. The reagents & kits segment is anticipated to have a significant impact on the market growth during the forecast period. The growth of the segment is attributed due to increasing demand for genetic testing, rising investments in R&D, and increasing genotyping testing volumes.

Furthermore, the bioinformatics segment is also significant as bioinformatics has proven quite useful in medicine as the complete sequencing of the human genome has helped to unlock the genetic contribution for many diseases.

The global genotyping market is segmented into the Asia Pacific, North America, Europe, the Middle East & Africa, and South America. North America is predicted to be the fastest-growing region within the global market share. Due to the growing use of technologically advanced goods, the existence of significant pharmaceutical and biopharmaceutical businesses, pro-active government policies, and improvements in healthcare infrastructure. Another important element contributing to the high market share in this area is the existence of big players.

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## Report Findings

### 1) Drivers

- Rising research and development in the pharmaceutical sector drives the genotyping market.
- Rising penetration of genetic diseases such as cancer, diabetes, tuberculosis propels the market of genotyping market.

### 2) Restraints

- The genotyping market's overall growth is adversely affected by strict rules and regulations as well as unfavorable reimbursement practices.

### 3) Opportunities

- The deployment of genotyping technological advancement boosts the market of genotyping in future.

## Research Methodology

### A) Primary Research

Our primary research involves extensive interviews and analysis of the opinions provided by the primary respondents. The primary research starts with identifying and approaching the primary respondents, the primary respondents are approached include

1. Key Opinion Leaders associated with Infinium Global Research
2. Internal and External subject matter experts
3. Professionals and participants from the industry

Our primary research respondents typically include

1. Executives working with leading companies in the market under review
2. Product/brand/marketing managers
3. CXO level executives
4. Regional/zonal/ country managers
5. Vice President level executives.

### B) Secondary Research

Secondary research involves extensive exploring through the secondary sources of information available in both the public domain and paid sources. At Infinium Global Research, each research study is based on over 500 hours of secondary research accompanied by primary research. The information obtained through the secondary sources is validated through the crosscheck on various data sources.

The secondary sources of the data typically include

1. Company reports and publications
2. Government/institutional publications
3. Trade and associations journals
4. Databases such as WTO, OECD, World Bank, and among others.
5. Websites and publications by research agencies

## Segment Covered

The global genotyping market is segmented on the basis of product, technology, application, and end-use.

### The Global Genotyping Market by Product

- Instruments
- Reagents & Kits
- Bioinformatics
- Software and Services

### The Global Genotyping Market by Technology

- PCR

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Capillary Electrophoresis
- Microarrays
- MALDI-TOF
- Sequencing
- Mass Spectrometry
- Others

#### The Global Genotyping Market by Application

- Pharmacogenomics
- Diagnostics
- Personalized Medicine
- Agricultural Biotechnology
- Animal Genetic
- Others

#### The Global Genotyping Market by End-use

- Pharmaceutical and Biopharmaceutical Companies
- Diagnostics and Research Laboratories
- Academic Institutes
- Others

#### Company Profiles

The companies covered in the report include

- Illumina, Inc.
- Thermo Fisher Scientific Inc.
- QIAGEN
- F. Hoffmann-La Roche Ltd
- Fluidigm (is now Standard BioTools)
- Danaher
- Agilent Technologies, Inc.
- Eurofins Scientific
- GE HealthCare
- BGI Group

#### What does this Report Deliver?

1. Comprehensive analysis of the global as well as regional markets of the genotyping market.
2. Complete coverage of all the segments in the genotyping market to analyze the trends, developments in the global market and forecast of market size up to 2030.
3. Comprehensive analysis of the companies operating in the global genotyping market. The company profile includes analysis of product portfolio, revenue, SWOT analysis and latest developments of the company.
4. IGR- Growth Matrix presents an analysis of the product segments and geographies that market players should focus to invest, consolidate, expand and/or diversify.

#### **Table of Contents:**

Table of Content

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

## Chapter 1. Preface

- 1.1. Report Description
- 1.2. Research Methods
- 1.3. Research Approaches

## Chapter 2. Executive Summary

- 2.1. Genotyping Market Highlights
- 2.2. Genotyping Market Projection
- 2.3. Genotyping Market Regional Highlights

## Chapter 3. Global Genotyping Market Overview

- 3.1. Introduction
- 3.2. Market Dynamics
  - 3.2.1. Drivers
  - 3.2.2. Restraints
  - 3.2.3. Opportunities
- 3.3. Porter's Five Forces Analysis
- 3.4. IGR-Growth Matrix Analysis
  - 3.4.1. IGR-Growth Matrix Analysis by Product
  - 3.4.2. IGR-Growth Matrix Analysis by Technology
  - 3.4.3. IGR-Growth Matrix Analysis by Application
  - 3.4.4. IGR-Growth Matrix Analysis by End-use
  - 3.4.5. IGR-Growth Matrix Analysis by Region
- 3.5. Value Chain Analysis of Genotyping Market

## Chapter 4. Genotyping Market Macro Indicator Analysis

## Chapter 5. Company Profiles and Competitive Landscape

- 5.1. Competitive Landscape in the Global Genotyping Market
- 5.2. Companies Profiles
  - 5.2.1. Illumina, Inc.
  - 5.2.2. Thermo Fisher Scientific Inc.
  - 5.2.3. QIAGEN
  - 5.2.4. F. Hoffmann-La Roche Ltd
  - 5.2.5. Fluidigm (is now Standard BioTools)
  - 5.2.6. Danaher
  - 5.2.7. Agilent Technologies, Inc.
  - 5.2.8. Eurofins Scientific
  - 5.2.9. GE HealthCare
  - 5.2.10. BGI Group

## Chapter 6. Global Genotyping Market by Product

- 6.1. Instruments
- 6.2. Reagents & Kits
- 6.3. Bioinformatics
- 6.4. Software and Services

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

## Chapter 7. Global Genotyping Market by Technology

- 7.1. PCR
- 7.2. Capillary Electrophoresis
- 7.3. Microarrays
- 7.4. MALDI-TOF
- 7.5. Sequencing
- 7.6. Mass Spectrometry
- 7.7. Others

## Chapter 8. Global Genotyping Market by Application

- 8.1. Pharmacogenomics
- 8.2. Diagnostics
- 8.3. Personalized Medicine
- 8.4. Agricultural Biotechnology
- 8.5. Animal Genetic
- 8.6. Others

## Chapter 9. Global Genotyping Market by End-use

- 9.1. Pharmaceutical and Biopharmaceutical Companies
- 9.2. Diagnostics and Research Laboratories
- 9.3. Academic Institutes
- 9.4. Others

## Chapter 10. Global Genotyping Market by Region 2023-2030

- 10.1. North America
  - 10.1.1. North America Genotyping Market by Product
  - 10.1.2. North America Genotyping Market by Technology
  - 10.1.3. North America Genotyping Market by Application
  - 10.1.4. North America Genotyping Market by End-use
  - 10.1.5. North America Genotyping Market by Country
    - 10.1.5.1. The U.S. Genotyping Market
      - 10.1.5.1.1. The U.S. Genotyping Market by Product
      - 10.1.5.1.2. The U.S. Genotyping Market by Technology
      - 10.1.5.1.3. The U.S. Genotyping Market by Application
      - 10.1.5.1.4. The U.S. Genotyping Market by End-use
    - 10.1.5.2. Canada Genotyping Market
      - 10.1.5.2.1. Canada Genotyping Market by Product
      - 10.1.5.2.2. Canada Genotyping Market by Technology
      - 10.1.5.2.3. Canada Genotyping Market by Application
      - 10.1.5.2.4. Canada Genotyping Market by End-use
    - 10.1.5.3. Mexico Genotyping Market
      - 10.1.5.3.1. Mexico Genotyping Market by Product
      - 10.1.5.3.2. Mexico Genotyping Market by Technology
      - 10.1.5.3.3. Mexico Genotyping Market by Application
      - 10.1.5.3.4. Mexico Genotyping Market by End-use
- 10.2. Europe
  - 10.2.1. Europe Genotyping Market by Product

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 10.2.2. Europe Genotyping Market by Technology
- 10.2.3. Europe Genotyping Market by Application
- 10.2.4. Europe Genotyping Market by End-use
- 10.2.5. Europe Genotyping Market by Country
  - 10.2.5.1. Germany Genotyping Market
    - 10.2.5.1.1. Germany Genotyping Market by Product
    - 10.2.5.1.2. Germany Genotyping Market by Technology
    - 10.2.5.1.3. Germany Genotyping Market by Application
    - 10.2.5.1.4. Germany Genotyping Market by End-use
  - 10.2.5.2. United Kingdom Genotyping Market
    - 10.2.5.2.1. United Kingdom Genotyping Market by Product
    - 10.2.5.2.2. United Kingdom Genotyping Market by Technology
    - 10.2.5.2.3. United Kingdom Genotyping Market by Application
    - 10.2.5.2.4. United Kingdom Genotyping Market by End-use
  - 10.2.5.3. France Genotyping Market
    - 10.2.5.3.1. France Genotyping Market by Product
    - 10.2.5.3.2. France Genotyping Market by Technology
    - 10.2.5.3.3. France Genotyping Market by Application
    - 10.2.5.3.4. France Genotyping Market by End-use
  - 10.2.5.4. Italy Genotyping Market
    - 10.2.5.4.1. Italy Genotyping Market by Product
    - 10.2.5.4.2. Italy Genotyping Market by Technology
    - 10.2.5.4.3. Italy Genotyping Market by Application
    - 10.2.5.4.4. Italy Genotyping Market by End-use
  - 10.2.5.5. Rest of Europe Genotyping Market
    - 10.2.5.5.1. Rest of Europe Genotyping Market by Product
    - 10.2.5.5.2. Rest of Europe Genotyping Market by Technology
    - 10.2.5.5.3. Rest of Europe Genotyping Market by Application
    - 10.2.5.5.4. Rest of Europe Genotyping Market by End-use
- 10.3. Asia Pacific
  - 10.3.1. Asia Pacific Genotyping Market by Product
  - 10.3.2. Asia Pacific Genotyping Market by Technology
  - 10.3.3. Asia Pacific Genotyping Market by Application
  - 10.3.4. Asia Pacific Genotyping Market by End-use
  - 10.3.5. Asia Pacific Genotyping Market by Country
    - 10.3.5.1. China Genotyping Market
      - 10.3.5.1.1. China Genotyping Market by Product
      - 10.3.5.1.2. China Genotyping Market by Technology
      - 10.3.5.1.3. China Genotyping Market by Application
      - 10.3.5.1.4. China Genotyping Market by End-use
    - 10.3.5.2. Japan Genotyping Market
      - 10.3.5.2.1. Japan Genotyping Market by Product
      - 10.3.5.2.2. Japan Genotyping Market by Technology
      - 10.3.5.2.3. Japan Genotyping Market by Application
      - 10.3.5.2.4. Japan Genotyping Market by End-use
    - 10.3.5.3. India Genotyping Market
      - 10.3.5.3.1. India Genotyping Market by Product

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 10.3.5.3.2. India Genotyping Market by Technology
- 10.3.5.3.3. India Genotyping Market by Application
- 10.3.5.3.4. India Genotyping Market by End-use
- 10.3.5.4. South Korea Genotyping Market
  - 10.3.5.4.1. South Korea Genotyping Market by Product
  - 10.3.5.4.2. South Korea Genotyping Market by Technology
  - 10.3.5.4.3. South Korea Genotyping Market by Application
  - 10.3.5.4.4. South Korea Genotyping Market by End-use
- 10.3.5.5. Australia Genotyping Market
  - 10.3.5.5.1. Australia Genotyping Market by Product
  - 10.3.5.5.2. Australia Genotyping Market by Technology
  - 10.3.5.5.3. Australia Genotyping Market by Application
  - 10.3.5.5.4. Australia Genotyping Market by End-use
- 10.3.5.6. Rest of Asia-Pacific Genotyping Market
  - 10.3.5.6.1. Rest of Asia-Pacific Genotyping Market by Product
  - 10.3.5.6.2. Rest of Asia-Pacific Genotyping Market by Technology
  - 10.3.5.6.3. Rest of Asia-Pacific Genotyping Market by Application
  - 10.3.5.6.4. Rest of Asia-Pacific Genotyping Market by End-use
- 10.4. RoW
  - 10.4.1. RoW Genotyping Market by Product
  - 10.4.2. RoW Genotyping Market by Technology
  - 10.4.3. RoW Genotyping Market by Application
  - 10.4.4. RoW Genotyping Market by End-use
  - 10.4.5. RoW Genotyping Market by Sub-region
    - 10.4.5.1. Latin America Genotyping Market
      - 10.4.5.1.1. Latin America Genotyping Market by Product
      - 10.4.5.1.2. Latin America Genotyping Market by Technology
      - 10.4.5.1.3. Latin America Genotyping Market by Application
      - 10.4.5.1.4. Latin America Genotyping Market by End-use
    - 10.4.5.2. Middle East Genotyping Market
      - 10.4.5.2.1. Middle East Genotyping Market by Product
      - 10.4.5.2.2. Middle East Genotyping Market by Technology
      - 10.4.5.2.3. Middle East Genotyping Market by Application
      - 10.4.5.2.4. Middle East Genotyping Market by End-use
    - 10.4.5.3. Africa Genotyping Market
      - 10.4.5.3.1. Africa Genotyping Market by Product
      - 10.4.5.3.2. Africa Genotyping Market by Technology
      - 10.4.5.3.3. Africa Genotyping Market by Application
      - 10.4.5.3.4. Africa Genotyping Market by End-use

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

**Genotyping Market: Global Industry Analysis, Trends, Market Size, and Forecasts up to 2030**

Market Report | 2023-08-16 | 300 pages | Infinium Global Research and Consulting Solutions

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

**ORDER FORM:**

Select license	License	Price
	1-5 User	\$4795.00
	Enterprise	\$7195.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

\*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-02"/>
		Signature	<input type="text"/>

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com