

# Molecular Cytogenetic Market Report: Trends, Forecast and Competitive Analysis

<https://marketpublishers.com/r/M5737A9DA6DFEN.html>

Date: May 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: M5737A9DA6DFEN

## Abstracts

Get it in 2 to 4 weeks by ordering today

The future of the global molecular cytogenetic market looks promising with opportunities in applications, such as genetic disorders, cancer, and personalized medicine. The global molecular cytogenetic market is expected to grow with a CAGR of 9%-11% from 2020 to 2025. The major drivers for this market are increasing incidence of genetic disorders & cancer and growing focus on targeted cancer treatment.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global molecular cytogenetic market report, please download the report brochure.

In this market, kits and reagents is the fastest growing product of molecular cytogenetics, whereas clinical and research laboratories is the fastest growing end user. Growth in various segments of the molecular cytogenetics market are given below:

The study includes trends and forecast for the global molecular cytogenetic market by product, technique, end user, application, and region as follows:

By Product [Value (\$ Million) shipment analysis for 2014 – 2025]:

Kits & Reagents

Testing Kits

Probes

Fluorescent Affinity Reagents

Other Kits & Reagents

Instruments

Consumables

Software & Services

By Technique [Value (\$ Million) shipment analysis for 2014 – 2025]:

Comparative Genomic Hybridization

Array-Based Comparative Genomic Hybridization

Standard Comparative Genomic Hybridization

Fluorescence in Situ Hybridization

In Situ Hybridization

Other Techniques

By Application [Value (\$ Million) shipment analysis for 2014 – 2025]:

Genetic Disorders

Cancer

Personalized Medicine

Other Applications

By End User [Value (\$ Million) shipment analysis for 2014 – 2025]:

Clinical & Research Laboratories

Academic Research Institutes

Pharmaceutical and Biotechnology Companies

Other End Users

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

Spain

Italy

France

Asia Pacific

China

Japan

India

The Rest of the World

Brazil

Some of the molecular cytogenetics companies profiled in this report include Roche, Danaher, Thermo Fisher Scientific, Abbott Laboratories, Agilent Technologies, Bio-Rad Laboratories, PerkinElmer, and Illumina.

Lucintel forecasts that kits and reagents will remain the largest product segment over the forecast period due to the increasing incidence of genetic disorders and cancer.

Within this market, clinical and research laboratories will remain the largest end user segment over the forecast period due to the growing implementation of cytogenetic techniques in clinical diagnosis.

North America will remain the largest region over the forecast period due to the local presence of major entities, such as Agilent Technologies and Abbott Laboratories. Moreover, the presence of an effective regulatory framework for the regulation of genetic tests in the region acts as a growth booster for the North American molecular cytogenetic market.

#### Features of the Global Molecular Cytogenetic Market

**Market Size Estimates:** Global molecular cytogenetic market size estimation in terms of value (\$M) shipment.

**Trend and Forecast Analysis:** Market trends (2014-2019) and forecast (2020-2025) by various segments.

**Segmentation Analysis:** Global molecular cytogenetic market size by various segments, such as product, technique, end user, and application in terms of value.

**Regional Analysis:** Global molecular cytogenetic market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different product, technique, end user, and application, and region for the global molecular cytogenetic market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the global molecular cytogenetic market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global molecular cytogenetic market by product (kits & reagents (testing kits, probes, fluorescent affinity reagents, and other kits & reagents), instruments, consumables, and software & services), technique (comparative genomic hybridization (array-based comparative genomic hybridization and standard comparative genomic hybridization), fluorescence in situ hybridization, in situ hybridization, and other techniques), application (genetic disorders, cancer, personalized medicine, and other applications), end user (clinical & research laboratories, academic research institutes, pharmaceutical and biotechnology companies, and other end users), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global molecular cytogenetic market?

Q.5 What are the business risks and threats to the global molecular cytogenetic market?

Q.6 What are the emerging trends in this molecular cytogenetic market and the reasons behind them?

Q.7 What are some changing demands of customers in this molecular cytogenetic market?

Q.8 What are the new developments in this molecular cytogenetic market? Which companies are leading these developments?

Q.9 Who are the major players in this molecular cytogenetic market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this molecular cytogenetic market, and how big of a threat do they pose for loss of market share via

material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global molecular cytogenetic market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Product (Kits & Reagents (Testing Kits, Probes, Fluorescent Affinity Reagents, and Other Kits & Reagents), Instruments, Consumables, and Software & Services), Technique (Comparative Genomic Hybridization (Array-Based Comparative Genomic Hybridization and Standard Comparative Genomic Hybridization), Fluorescence In Situ Hybridization, In Situ Hybridization, and Other Techniques), Application (Genetic Disorders, Cancer, Personalized Medicine, and Other Applications), and End User (Clinical & Research Laboratories, Academic Research Institutes, Pharmaceutical and Biotechnology Companies, and Other End Users)

Regional Scope North America (USA, Mexico, and Canada), Europe (Germany, United Kingdom, Spain, Italy, and France), Asia (China, Japan, and India), and ROW (Brazil)

Customization 10% Customization without Any Additional Cost

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. MARKET BACKGROUND AND CLASSIFICATIONS**

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

### **3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2014 T 2025**

3.1: Macroeconomic Trends and Forecast

3.2: Global Molecular Cytogenetic Market Trends and Forecast

3.3: Global Molecular Cytogenetic Market by Product

3.3.1: Kits & Reagents

3.3.1.1: Testing Kits

3.3.1.2: Probes

3.3.1.3: Fluorescent Affinity Reagents

3.3.1.4: Other Kits & Reagents

3.3.2: Instruments

3.3.3: Consumables

3.3.4: Software & Services

3.4: Global Molecular Cytogenetic Market by Technique

3.4.1: Comparative Genomic Hybridization

3.4.1.1: Array-Based Comparative Genomic Hybridization

3.4.1.2: Standard Comparative Genomic Hybridization

3.4.2: Fluorescence in Situ Hybridization

3.4.3: In Situ Hybridization

3.4.4: Other Techniques

3.5: Global Molecular Cytogenetic Market by Application

3.5.1: Genetic Disorders

3.5.2: Cancer

3.5.3: Personalized Medicine

3.5.4: Other Applications

3.6: Global Molecular Cytogenetic Market by End User

3.6.1: Clinical & Research Laboratories

3.6.2: Academic Research Institutes

3.6.3: Pharmaceutical and Biotechnology Companies

### 3.6.4: Other End Users

## 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

### 4.1: Global Molecular Cytogenetic Market by Region

#### 4.2: North American Molecular Cytogenetic Market

4.2.1: Market by Product: Kits & Reagents (Testing Kits, Probes, Fluorescent Affinity Reagents, and Other Kits & Reagents), Instruments, Consumables, and Software & Services

4.2.2: Market by Technique: Comparative Genomic Hybridization (Array-Based Comparative Genomic Hybridization and Standard Comparative Genomic Hybridization), Fluorescence In Situ Hybridization, In Situ Hybridization, and Other Techniques

4.2.3: Market by Application: Genetic disorders, Cancer, Personalized Medicine, and Other Applications

4.2.4: Market by End User: Clinical & Research Laboratories, Academic Research Institutes, Pharmaceutical And Biotechnology Companies, and Other End Users

4.2.5: The United States Molecular Cytogenetic Market

4.2.6: The Canadian Molecular Cytogenetic Market

4.2.7: The Mexican Molecular Cytogenetic Market

#### 4.3: European Molecular Cytogenetic Market

4.3.1: Market by Product: Kits & Reagents (Testing Kits, Probes, Fluorescent Affinity Reagents, and Other Kits & Reagents), Instruments, Consumables, and Software & Services

4.3.2: Market by Technique: Comparative Genomic Hybridization (Array-Based Comparative Genomic Hybridization and Standard Comparative Genomic Hybridization), Fluorescence In Situ Hybridization, In Situ Hybridization, and Other Techniques

4.3.3: Market by Application: Genetic disorders, Cancer, Personalized Medicine, and Other Applications

4.3.4: Market by End User: Clinical & Research Laboratories, Academic Research Institutes, Pharmaceutical And Biotechnology Companies, and Other End Users

4.3.5: The German Molecular Cytogenetic Market

4.3.6: The United Kingdom Molecular Cytogenetic Market

4.3.7: The Spain Molecular Cytogenetic Market

4.3.8: The Italy Molecular Cytogenetic Market

4.3.9: The French Molecular Cytogenetic Market

#### 4.4: APAC Molecular Cytogenetic Market

4.4.1: Market by Product: Kits & Reagents (Testing Kits, Probes, Fluorescent Affinity



Reagents, and Other Kits & Reagents), Instruments, Consumables, and Software & Services

4.4.2: Market by Technique: Comparative Genomic Hybridization (Array-Based Comparative Genomic Hybridization and Standard Comparative Genomic Hybridization), Fluorescence In Situ Hybridization, In Situ Hybridization, and Other Techniques

4.4.3: Market by Application: Genetic disorders, Cancer, Personalized Medicine, and Other Applications

4.4.4: Market by End User: Clinical & Research Laboratories, Academic Research Institutes, Pharmaceutical And Biotechnology Companies, and Other End Users

4.4.5: The Chinese Molecular Cytogenetic Market

4.4.6: The Indian Molecular Cytogenetic Market

4.4.7: The Japanese Molecular Cytogenetic Market

4.5: ROW Molecular Cytogenetic Market

4.5.1: Market by Product: Kits & Reagents (Testing Kits, Probes, Fluorescent Affinity Reagents, and Other Kits & Reagents), Instruments, Consumables, and Software & Services

4.5.2: Market by Technique: Comparative Genomic Hybridization (Array-Based Comparative Genomic Hybridization and Standard Comparative Genomic Hybridization), Fluorescence In Situ Hybridization, In Situ Hybridization, and Other Techniques

4.5.3: Market by Application: Genetic disorders, Cancer, Personalized Medicine, and Other Applications

4.5.4: Market by End User: Clinical & Research Laboratories, Academic Research Institutes, Pharmaceutical And Biotechnology Companies, and Other End Users

4.5.5: Brazilian Molecular Cytogenetic Market

## **5. COMPETITOR ANALYSIS**

5.1: Market Share Analysis

5.2: Product Portfolio Analysis

5.3: Operational Integration

5.4: Geographical Reach

5.5: Porter's Five Forces Analysis

## **6. COST STRUCTURE ANALYSIS**

6.1: Cost of Goods Sold

6.2: SG&A

6.3: EBITDA Margin

## **7. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

7.1: Growth Opportunity Analysis

7.1.1: Growth Opportunities for the Global Molecular Cytogenetic Market by Product

7.1.2: Growth Opportunities for the Global Molecular Cytogenetic Market by Application

7.1.3: Growth Opportunities for the Global Molecular Cytogenetic Market by End User

7.1.4: Growth Opportunities for the Global Molecular Cytogenetic Market by Application

7.1.5: Growth Opportunities for the Global Molecular Cytogenetic Market by Region

7.2: Emerging Trends in the Global Molecular Cytogenetic Market

7.3: Strategic Analysis

7.3.1: New Product Development

7.3.2: Capacity Expansion of the Global Molecular Cytogenetic Market

7.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Molecular Cytogenetic Market

7.3.4: Certification and Licensing

## **8. COMPANY PROFILES OF LEADING PLAYERS**

8.1: Thermo Fisher Scientific Inc.

8.2: F. Hoffmann-La Roche Ltd.

8.3: Bio-Rad Laboratories

8.4: Company

8.5: Company

8.6: Company

8.7: Company

8.8: Company

8.9: Company

8.10: Company

## I would like to order

Product name: Molecular Cytogenetic Market Report: Trends, Forecast and Competitive Analysis

Product link: <https://marketpublishers.com/r/M5737A9DA6DFEN.html>

Price: US\$ 4,850.00 (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/M5737A9DA6DFEN.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