

# **Global Electrophoresis Reagents Market Size study, By Products (Dyes, Gels, Buffers, Other Reagents), By Techniques (Gel Electrophoresis, Capillary Electrophoresis), By Application (Protein Analysis, DNA & RNA Analysis), By End User (Academic & Research Institutions, Pharmaceutical & Biotech Companies, Hospitals & Diagnostic Centers, Other End Users), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Electrophoresis Reagents Market is valued approximately USD 1.11 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 5.4% over the forecast period 2022-2028.

Electrophoresis is a system used for the isolation and differentiation of DNA, RNA according to their charge and size. Electrophoresis reagents are used for separating and differentiation of macromolecules from the sample. The electrophoresis reagents are gaining huge traction in the diagnostic and research verticals for different pharmaceutical applications. The rising prevalence of cancer, genetic disorders, infectious diseases, technological advancements, escalating geriatric population, coupled with the growing availability of funding for genomic and proteomic research are the primary factors that are spurring the market demand across the globe. For instance, as per the World Health Organization (WHO), the population aged 60 years and over was accounted with the 605 million in 2000 and the amount is anticipated to reach around 2 billion by 2050. Accordingly, the aged population is more likely to suffer from various chronic and acute diseases, and infectious diseases owing to their weak immunity. Hence, these factors are projected to surge the demand for electrophoresis reagents, which in turn, is fostering market growth in the near future. However, safety

concerns related to mutagenic nucleic acid dyes and time-consuming operations, and limited sample analysis through gel electrophoresis impede the growth of the market over the forecast period of 2022-2028. Also, increasing demand for personalized medicine and shift from plant-derived to genome-based drug discovery is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the Global Electrophoresis Reagents market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the regions being the early adopter of the emerging diagnostics technologies, availability of advanced healthcare facilities, and increasing investments in proteomic and genomic research. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as growing incidences of target diseases, as well as increasing geriatric population, would create lucrative growth prospects for the Electrophoresis Reagents market across the Asia-Pacific region.

Major market players included in this report are:

Thermo Fisher Scientific Inc.

Sigma-Aldrich Corporation

Bio-Rad Laboratories, Inc.

Lonza Group

QIAGEN N.V.

Merck Millipore

GE Healthcare

Agilent Technologies, Inc.

Takara Bio, Inc.

Harvard Bioscience, Inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:  
By Products:

Dyes

Gels

Buffers

Other Reagents

By Techniques:

Gel Electrophoresis

Capillary Electrophoresis

By Application:

Protein Analysis

DNA & RNA Analysis

By End User:

Academic & Research Institutions

Pharmaceutical & Biotech Companies

Hospitals & Diagnostic Centers

Other End Users

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Electrophoresis Reagents Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
  - 1.2.1. Global Electrophoresis Reagents Market, by Region, 2020-2028 (USD Billion)
  - 1.2.2. Global Electrophoresis Reagents Market, by Products, 2020-2028 (USD Billion)
  - 1.2.3. Global Electrophoresis Reagents Market, by Techniques, 2020-2028 (USD Billion)
  - 1.2.4. Global Electrophoresis Reagents Market, by Application, 2020-2028 (USD Billion)
  - 1.2.5. Global Electrophoresis Reagents Market, by End User, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL ELECTROPHORESIS REAGENTS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL ELECTROPHORESIS REAGENTS MARKET DYNAMICS

- 3.1. Electrophoresis Reagents Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing incidences of cancer, infectious diseases, and genetic disorders
    - 3.1.1.2. Rising availability of funding for genomic and proteomic research
  - 3.1.2. Market Challenges
    - 3.1.2.1. Safety concerns related to mutagenic nucleic acid dyes
    - 3.1.2.2. Time-consuming operations and limited sample analysis through gel electrophoresis
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Increasing demand for personalized medicine

3.1.3.2. Shift from plant-derived to genome-based drug discovery

## **CHAPTER 4. GLOBAL ELECTROPHORESIS REAGENTS MARKET INDUSTRY ANALYSIS**

### 4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)

### 4.2. PEST Analysis

4.2.1. Political

4.2.2. Economical

4.2.3. Social

4.2.4. Technological

### 4.3. Investment Adoption Model

### 4.4. Analyst Recommendation & Conclusion

### 4.5. Top investment opportunity

### 4.6. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

5.1.1. Assessment of the overall impact of COVID-19 on the industry

5.1.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL ELECTROPHORESIS REAGENTS MARKET, BY PRODUCTS**

### 6.1. Market Snapshot

### 6.2. Global Electrophoresis Reagents Market by Products, Performance - Potential Analysis

### 6.3. Global Electrophoresis Reagents Market Estimates & Forecasts by Products 2018-2028 (USD Billion)

### 6.4. Electrophoresis Reagents Market, Sub Segment Analysis

6.4.1. Dyes

6.4.2. Gels

6.4.3. Buffers

6.4.4. Other Reagents

## **CHAPTER 7. GLOBAL ELECTROPHORESIS REAGENTS MARKET, BY TECHNIQUES**

- 7.1. Market Snapshot
- 7.2. Global Electrophoresis Reagents Market by Techniques, Performance - Potential Analysis
- 7.3. Global Electrophoresis Reagents Market Estimates & Forecasts by Techniques 2018-2028 (USD Billion)
- 7.4. Electrophoresis Reagents Market, Sub Segment Analysis
  - 7.4.1. Gel Electrophoresis
  - 7.4.2. Capillary Electrophoresis

## **CHAPTER 8. GLOBAL ELECTROPHORESIS REAGENTS MARKET, BY APPLICATION**

- 8.1. Market Snapshot
- 8.2. Global Electrophoresis Reagents Market by Application, Performance - Potential Analysis
- 8.3. Global Electrophoresis Reagents Market Estimates & Forecasts by Application 2018-2028 (USD Billion)
- 8.4. Electrophoresis Reagents Market, Sub Segment Analysis
  - 8.4.1. Protein Analysis
  - 8.4.2. DNA & RNA Analysis

## **CHAPTER 9. GLOBAL ELECTROPHORESIS REAGENTS MARKET, BY END USER**

- 9.1. Market Snapshot
- 9.2. Global Electrophoresis Reagents Market by End User, Performance - Potential Analysis
- 9.3. Global Electrophoresis Reagents Market Estimates & Forecasts by End User 2018-2028 (USD Billion)
- 9.4. Electrophoresis Reagents Market, Sub Segment Analysis
  - 9.4.1. Academic & Research Institutions
  - 9.4.2. Pharmaceutical & Biotech Companies
  - 9.4.3. Hospitals & Diagnostic Centers
  - 9.4.4. Other End Users

## **CHAPTER 10. GLOBAL ELECTROPHORESIS REAGENTS MARKET, REGIONAL**

## **ANALYSIS**

- 10.1. Electrophoresis Reagents Market, Regional Market Snapshot
- 10.2. North America Electrophoresis Reagents Market
  - 10.2.1. U.S. Electrophoresis Reagents Market
    - 10.2.1.1. Products estimates & forecasts, 2018-2028
    - 10.2.1.2. Techniques estimates & forecasts, 2018-2028
    - 10.2.1.3. Application estimates & forecasts, 2018-2028
    - 10.2.1.4. End User estimates & forecasts, 2018-2028
  - 10.2.2. Canada Electrophoresis Reagents Market
- 10.3. Europe Electrophoresis Reagents Market Snapshot
  - 10.3.1. U.K. Electrophoresis Reagents Market
  - 10.3.2. Germany Electrophoresis Reagents Market
  - 10.3.3. France Electrophoresis Reagents Market
  - 10.3.4. Spain Electrophoresis Reagents Market
  - 10.3.5. Italy Electrophoresis Reagents Market
  - 10.3.6. Rest of Europe Electrophoresis Reagents Market
- 10.4. Asia-Pacific Electrophoresis Reagents Market Snapshot
  - 10.4.1. China Electrophoresis Reagents Market
  - 10.4.2. India Electrophoresis Reagents Market
  - 10.4.3. Japan Electrophoresis Reagents Market
  - 10.4.4. Australia Electrophoresis Reagents Market
  - 10.4.5. South Korea Electrophoresis Reagents Market
  - 10.4.6. Rest of Asia Pacific Electrophoresis Reagents Market
- 10.5. Latin America Electrophoresis Reagents Market Snapshot
  - 10.5.1. Brazil Electrophoresis Reagents Market
  - 10.5.2. Mexico Electrophoresis Reagents Market
- 10.6. Rest of The World Electrophoresis Reagents Market

## **CHAPTER 11. COMPETITIVE INTELLIGENCE**

- 11.1. Top Market Strategies
- 11.2. Company Profiles
  - 11.2.1. Thermo Fisher Scientific Inc.
    - 11.2.1.1. Key Information
    - 11.2.1.2. Overview
    - 11.2.1.3. Financial (Subject to Data Availability)
    - 11.2.1.4. Product Summary
    - 11.2.1.5. Recent Developments



- 11.2.2. Sigma-Aldrich Corporation
- 11.2.3. Bio-Rad Laboratories, Inc.
- 11.2.4. Lonza Group
- 11.2.5. QIAGEN N.V.
- 11.2.6. Merck Millipore
- 11.2.7. GE Healthcare
- 11.2.8. Agilent Technologies, Inc.
- 11.2.9. Takara Bio, Inc.
- 11.2.10. Harvard Bioscience, Inc.

## **CHAPTER 12. RESEARCH PROCESS**

- 12.1. Research Process
  - 12.1.1. Data Mining
  - 12.1.2. Analysis
  - 12.1.3. Market Estimation
  - 12.1.4. Validation
  - 12.1.5. Publishing
- 12.2. Research Attributes
- 12.3. Research Assumption

## List Of Tables

### LIST OF TABLES

- TABLE 1. Global Electrophoresis Reagents Market, report scope
- TABLE 2. Global Electrophoresis Reagents Market estimates & forecasts by Region 2018-2028 (USD Billion)
- TABLE 3. Global Electrophoresis Reagents Market estimates & forecasts by Products 2018-2028 (USD Billion)
- TABLE 4. Global Electrophoresis Reagents Market estimates & forecasts by Techniques 2018-2028 (USD Billion)
- TABLE 5. Global Electrophoresis Reagents Market estimates & forecasts by Application 2018-2028 (USD Billion)
- TABLE 6. Global Electrophoresis Reagents Market estimates & forecasts by End User 2018-2028 (USD Billion)
- TABLE 7. Global Electrophoresis Reagents Market by segment, estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 8. Global Electrophoresis Reagents Market by region, estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 9. Global Electrophoresis Reagents Market by segment, estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 10. Global Electrophoresis Reagents Market by region, estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 11. Global Electrophoresis Reagents Market by segment, estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 12. Global Electrophoresis Reagents Market by region, estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 13. Global Electrophoresis Reagents Market by segment, estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 14. Global Electrophoresis Reagents Market by region, estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 15. Global Electrophoresis Reagents Market by segment, estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 16. Global Electrophoresis Reagents Market by region, estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 17. U.S. Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)
- TABLE 18. U.S. Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 19. U.S. Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 20. Canada Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 21. Canada Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 22. Canada Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 23. UK Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 24. UK Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 25. UK Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 26. Germany Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 27. Germany Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 28. Germany Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 29. RoE Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 30. RoE Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 31. RoE Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 32. China Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 33. China Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 34. China Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 35. India Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 36. India Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 37. India Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 38. Japan Electrophoresis Reagents Market estimates & forecasts, 2018-2028

(USD Billion)

TABLE 39. Japan Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 40. Japan Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 41. RoAPAC Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 42. RoAPAC Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 43. RoAPAC Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 44. Brazil Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 45. Brazil Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 46. Brazil Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 47. Mexico Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 48. Mexico Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 49. Mexico Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 50. RoLA Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 51. RoLA Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 52. RoLA Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 53. Row Electrophoresis Reagents Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 54. Row Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 55. Row Electrophoresis Reagents Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 56. List of secondary sources, used in the study of global Electrophoresis Reagents Market

TABLE 57. List of primary sources, used in the study of global Electrophoresis Reagents Market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Electrophoresis Reagents Market, research methodology
- FIG 2. Global Electrophoresis Reagents Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Electrophoresis Reagents Market, key trends 2021
- FIG 5. Global Electrophoresis Reagents Market, growth prospects 2022-2028
- FIG 6. Global Electrophoresis Reagents Market, porters 5 force model
- FIG 7. Global Electrophoresis Reagents Market, pest analysis
- FIG 8. Global Electrophoresis Reagents Market, value chain analysis
- FIG 9. Global Electrophoresis Reagents Market by segment, 2018 & 2028 (USD Billion)
- FIG 10. Global Electrophoresis Reagents Market by segment, 2018 & 2028 (USD Billion)
- FIG 11. Global Electrophoresis Reagents Market by segment, 2018 & 2028 (USD Billion)
- FIG 12. Global Electrophoresis Reagents Market by segment, 2018 & 2028 (USD Billion)
- FIG 13. Global Electrophoresis Reagents Market by segment, 2018 & 2028 (USD Billion)
- FIG 14. Global Electrophoresis Reagents Market, regional snapshot 2018 & 2028
- FIG 15. North America Electrophoresis Reagents Market 2018 & 2028 (USD Billion)
- FIG 16. Europe Electrophoresis Reagents Market 2018 & 2028 (USD Billion)
- FIG 17. Asia pacific Market 2018 & 2028 (USD Billion)
- FIG 18. Latin America Electrophoresis Reagents Market 2018 & 2028 (USD Billion)
- FIG 19. Global Electrophoresis Reagents Market, company Market share analysis (2021)

## I would like to order

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