

Global Transfection Reagents and Equipment Market Size study, By Product (Reagents, Instruments), By Application (Biomedical Research, Gene Expression Studies, Cancer Research, Transgenic Model, Protein Production, Therapeutic Delivery), By End-Use (Academic & Research Institutes, Pharmaceutical & Biotechnology Companies), and Regional Forecasts 2022-2028

<https://marketpublishers.com/r/GA111AE476FCEN.html>

Date: September 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: GA111AE476FCEN

Abstracts

Global Transfection Reagents and Equipment Market is valued at approximately USD 1031.6 million in 2021 and is anticipated to grow with a healthy growth rate of more than 8.12% over the forecast period 2022-2028. Transfection is referred to as a process of artificially introducing nucleic acids (like RNA or DNA) into the cells by the usage of reagents and equipment. These reagents and equipment are connected with nucleic acids and target cell membrane for the study of gene mutation, protein function, and gene function & expression. Factors such as the rising prevalence of cancer worldwide, growing R&D investment by the pharmaceutical and biotechnology industry, and a surge in demand for synthetic genes are creating a lucrative market demand across the globe. According to Statista, in 2020, the total overall R&D expenditure in the pharmaceutical sector accounted for USD 198 billion and it is projected to reach around USD 248 billion by the year 2025. However, several concerns associated to reduce cytotoxicity and immunogenicity impede the growth of the market over the forecast period of 2022-2028. Also, the increasing development of nanotechnology & drug delivery systems and growing advancements in transfection technologies are anticipated to act as catalyzing factors for the market demand during the forecast period.

The key regions considered for the global Transfection Reagents and Equipment 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 of USD 338.8 million owing to the growing investment in technological advancements in transfections and rising R&D activities by pharmaceutical and biotechnology companies. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR of 9.36% over the forecast period 2022-2028. Factors such as the rising cases of chronic disorders, and the rising emphasis on the introduction of DNA plasmids, would create lucrative growth prospects for the Transfection Reagents and Equipment Market across the Asia-Pacific region.

Major market players included in this report are:

MaxCyte Inc.

Thermo Fisher Scientific, Inc.

Promega Corporation

Hoffmann-La Roche Ltd.

QIAGEN N.V.

Polyplus-transfection SA

Bio-Rad Laboratories

Lonza Group

Sigma-Aldrich Corporation

Mirus Bio LLC

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 Product:

Reagents

Instruments

By Application:

Biomedical Research

Gene Expression Studies

Cancer Research
Transgenic Model
Protein Production
Therapeutic Delivery
By End-Use:
Academic & Research Institutes
Pharmaceutical & Biotechnology Companies

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 Transfection Reagents and Equipment Market in Market

Global Transfection Reagents and Equipment Market Size study, By Product (Reagents, Instruments), By Applicati...

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 Million)
 - 1.2.1. Transfection Reagents and Equipment Market, by Region, 2020-2028 (USD Million)
 - 1.2.2. Transfection Reagents and Equipment Market, by Product, 2020-2028 (USD Million)
 - 1.2.3. Transfection Reagents and Equipment Market, by Application, 2020-2028 (USD Million)
 - 1.2.4. Transfection Reagents and Equipment Market, by End-Use, 2020-2028 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL TRANSFECTION REAGENTS AND EQUIPMENT 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 TRANSFECTION REAGENTS AND EQUIPMENT MARKET DYNAMICS

- 3.1. Transfection Reagents and Equipment Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising prevalence of cancer worldwide
 - 3.1.1.2. Increasing R&D investment by the pharmaceutical and biotechnology industry
 - 3.1.1.3. Surge in demand for synthetic genes
 - 3.1.2. Market Challenges
 - 3.1.2.1. Several concerns are associated to reduce cytotoxicity and immunogenicity

3.1.3. Market Opportunities

3.1.3.1. Increasing development of nanotechnology & drug delivery systems

3.1.3.2. Growing advancements in transfection technologies

CHAPTER 4. GLOBAL TRANSFECTION REAGENTS AND EQUIPMENT 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 TRANSFECTION REAGENTS AND EQUIPMENT MARKET, BY PRODUCT

6.1. Market Snapshot

6.2. Global Transfection Reagents and Equipment Market by Product, Performance - Potential Analysis

6.3. Global Transfection Reagents and Equipment Market Estimates & Forecasts by Product, 2018-2028 (USD Million)

6.4. Transfection Reagents and Equipment Market, Sub Segment Analysis

6.4.1. Reagents

6.4.2. Instruments

CHAPTER 7. GLOBAL TRANSFECTION REAGENTS AND EQUIPMENT MARKET, BY APPLICATION

7.1. Market Snapshot

7.2. Global Transfection Reagents and Equipment Market by Application, Performance – Potential Analysis

7.3. Global Transfection Reagents and Equipment Market Estimates & Forecasts by Application, 2018-2028 (USD Million)

7.4. Transfection Reagents and Equipment Market, Sub Segment Analysis

7.4.1. Biomedical Research

7.4.2. Gene Expression Studies

7.4.3. Cancer Research

7.4.4. Transgenic Model

7.4.5. Protein Production

7.4.6. Therapeutic Delivery

CHAPTER 8. GLOBAL TRANSFECTION REAGENTS AND EQUIPMENT MARKET, BY END-USE

8.1. Market Snapshot

8.2. Global Transfection Reagents and Equipment Market by End-Use, Performance - Potential Analysis

8.3. Global Transfection Reagents and Equipment Market Estimates & Forecasts by End-Use, 2018-2028 (USD Million)

8.4. Transfection Reagents and Equipment Market, Sub Segment Analysis

8.4.1. Academic & Research Institutes

8.4.2. Pharmaceutical & Biotechnology Companies

CHAPTER 9. GLOBAL TRANSFECTION REAGENTS AND EQUIPMENT MARKET, REGIONAL ANALYSIS

9.1. Transfection Reagents and Equipment Market, Regional Market Snapshot

9.2. North America Transfection Reagents and Equipment Market

9.2.1. U.S. Transfection Reagents and Equipment Market

9.2.1.1. Product breakdown estimates & forecasts, 2018-2028

9.2.1.2. Application breakdown estimates & forecasts, 2018-2028

9.2.1.3. End-Use breakdown estimates & forecasts, 2018-2028

- 9.2.2. Canada Transfection Reagents and Equipment Market
- 9.3. Europe Transfection Reagents and Equipment Market Snapshot
 - 9.3.1. U.K. Transfection Reagents and Equipment Market
 - 9.3.2. Germany Transfection Reagents and Equipment Market
 - 9.3.3. France Transfection Reagents and Equipment Market
 - 9.3.4. Spain Transfection Reagents and Equipment Market
 - 9.3.5. Italy Transfection Reagents and Equipment Market
 - 9.3.6. Rest of Europe Transfection Reagents and Equipment Market
- 9.4. Asia-Pacific Transfection Reagents and Equipment Market Snapshot
 - 9.4.1. China Transfection Reagents and Equipment Market
 - 9.4.2. India Transfection Reagents and Equipment Market
 - 9.4.3. Japan Transfection Reagents and Equipment Market
 - 9.4.4. Australia Transfection Reagents and Equipment Market
 - 9.4.5. South Korea Transfection Reagents and Equipment Market
 - 9.4.6. Rest of Asia Pacific Transfection Reagents and Equipment Market
- 9.5. Latin America Transfection Reagents and Equipment Market Snapshot
 - 9.5.1. Brazil Transfection Reagents and Equipment Market
 - 9.5.2. Mexico Transfection Reagents and Equipment Market
- 9.6. Rest of The World Transfection Reagents and Equipment Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. MaxCyte Inc.
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Thermo Fisher Scientific, Inc.
 - 10.2.3. Promega Corporation
 - 10.2.4. Hoffmann-La Roche Ltd.
 - 10.2.5. QIAGEN N.V.
 - 10.2.6. Polyplus-transfection SA
 - 10.2.7. Bio-Rad Laboratories
 - 10.2.8. Lonza Group
 - 10.2.9. Sigma-Aldrich Corporation
 - 10.2.10. Mirus Bio LLC

CHAPTER 11. RESEARCH PROCESS

11.1. Research Process

11.1.1. Data Mining

11.1.2. Analysis

11.1.3. Market Estimation

11.1.4. Validation

11.1.5. Publishing

11.2. Research Attributes

11.3. Research Assumption

List Of Tables

LIST OF TABLES

- TABLE 1. Global Transfection Reagents and Equipment Market, report scope
- TABLE 2. Global Transfection Reagents and Equipment Market estimates & forecasts by Region 2018-2028 (USD Million)
- TABLE 3. Global Transfection Reagents and Equipment Market estimates & forecasts by Product 2018-2028 (USD Million)
- TABLE 4. Global Transfection Reagents and Equipment Market estimates & forecasts by Application 2018-2028 (USD Million)
- TABLE 5. Global Transfection Reagents and Equipment Market estimates & forecasts by End-Use 2018-2028 (USD Million)
- TABLE 6. Global Transfection Reagents and Equipment Market by segment, estimates & forecasts, 2018-2028 (USD Million)
- TABLE 7. Global Transfection Reagents and Equipment Market by region, estimates & forecasts, 2018-2028 (USD Million)
- TABLE 8. Global Transfection Reagents and Equipment Market by segment, estimates & forecasts, 2018-2028 (USD Million)
- TABLE 9. Global Transfection Reagents and Equipment Market by region, estimates & forecasts, 2018-2028 (USD Million)
- TABLE 10. Global Transfection Reagents and Equipment Market by segment, estimates & forecasts, 2018-2028 (USD Million)
- TABLE 11. Global Transfection Reagents and Equipment Market by region, estimates & forecasts, 2018-2028 (USD Million)
- TABLE 12. Global Transfection Reagents and Equipment Market by segment, estimates & forecasts, 2018-2028 (USD Million)
- TABLE 13. Global Transfection Reagents and Equipment Market by region, estimates & forecasts, 2018-2028 (USD Million)
- TABLE 14. Global Transfection Reagents and Equipment Market by segment, estimates & forecasts, 2018-2028 (USD Million)
- TABLE 15. Global Transfection Reagents and Equipment Market by region, estimates & forecasts, 2018-2028 (USD Million)
- TABLE 16. U.S. Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)
- TABLE 17. U.S. Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)
- TABLE 18. U.S. Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 19. Canada Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 20. Canada Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 21. Canada Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 22. UK Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 23. UK Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 24. UK Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 25. Germany Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 26. Germany Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 27. Germany Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 28. RoE Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 29. RoE Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 30. RoE Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 31. China Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 32. China Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 33. China Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 34. India Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 35. India Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 36. India Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 37. Japan Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 38. Japan Transfection Reagents and Equipment Market estimates & forecasts

by segment 2018-2028 (USD Million)

TABLE 39. Japan Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 40. RoAPAC Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 41. RoAPAC Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 42. RoAPAC Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 43. Brazil Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 44. Brazil Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 45. Brazil Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 46. Mexico Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 47. Mexico Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 48. Mexico Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 49. RoLA Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 50. RoLA Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 51. RoLA Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 52. Row Transfection Reagents and Equipment Market estimates & forecasts, 2018-2028 (USD Million)

TABLE 53. Row Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 54. Row Transfection Reagents and Equipment Market estimates & forecasts by segment 2018-2028 (USD Million)

TABLE 55. List of secondary sources, used in the study of global Transfection Reagents and Equipment Market

TABLE 56. List of primary sources, used in the study of global Transfection Reagents and Equipment Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

List Of Figures

LIST OF FIGURES

FIG 1. Global Transfection Reagents and Equipment Market, research methodology

FIG 2. Global Transfection Reagents and Equipment Market, market estimation techniques

FIG 3. Global market size estimates & forecast methods

FIG 4. Global Transfection Reagents and Equipment Market, key trends 2021

FIG 5. Global Transfection Reagents and Equipment Market, growth prospects 2022-2028

FIG 6. Global Transfection Reagents and Equipment Market, porters 5 force model

FIG 7. Global Transfection Reagents and Equipment Market, pest analysis

FIG 8. Global Transfection Reagents and Equipment Market, value chain analysis

FIG 9. Global Transfection Reagents and Equipment Market by segment, 2018 & 2028 (USD Million)

FIG 10. Global Transfection Reagents and Equipment Market by segment, 2018 & 2028 (USD Million)

FIG 11. Global Transfection Reagents and Equipment Market by segment, 2018 & 2028 (USD Million)

FIG 12. Global Transfection Reagents and Equipment Market by segment, 2018 & 2028 (USD Million)

FIG 13. Global Transfection Reagents and Equipment Market by segment, 2018 & 2028 (USD Million)

FIG 14. Global Transfection Reagents and Equipment Market, regional snapshot 2018 & 2028

FIG 15. North America Transfection Reagents and Equipment Market 2018 & 2028 (USD Million)

FIG 16. Europe Transfection Reagents and Equipment Market 2018 & 2028 (USD Million)

FIG 17. Asia Pacific Transfection Reagents and Equipment market 2018 & 2028 (USD Million)

FIG 18. Latin America Transfection Reagents and Equipment Market 2018 & 2028 (USD Million)

FIG 19. Global Transfection Reagents and Equipment Market, company market share analysis (2021)

I would like to order

Product name: Global Transfection Reagents and Equipment Market Size study, By Product (Reagents, Instruments), By Application (Biomedical Research, Gene Expression Studies, Cancer Research, Transgenic Model, Protein Production, Therapeutic Delivery), By End-Use (Academic & Research Institutes, Pharmaceutical & Biotechnology Companies), and Regional Forecasts 2022-2028

Product link: <https://marketpublishers.com/r/GA111AE476FCEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA111AE476FCEN.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