

Global RNA Analysis/ Transcriptomics Market Size study, By Product (Reagents/Consumables, Instruments, Software, Services), By Technology (Microarrays, Sequencing, Polymerase Chain Reaction, RNA Interference), By Application (Clinical Diagnostics, Drug Discovery, Toxicogenomics, Comparative Transcriptomics), By End User (Academic & Research Institutes, Pharmaceutical & Biotechnology Companies, Hospitals, Contract Research Organizations), and Regional Forecasts 2022-2028

<https://marketpublishers.com/r/G5853CDD493AEN.html>

Date: March 2022

Pages: 200

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

ID: G5853CDD493AEN

Abstracts

Global RNA Analysis/ Transcriptomics Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028.

RNA analysis or transcriptomics is the procedure carry out to study or analyze an organism's transcriptome, the total of its RNA transcripts. The data content of an organism is recorded in the DNA of its genome and demonstrated via transcription. In other words, this technique comprises the collection and exploration of transcriptomes and discoveries of a wide range of applications, majorly in molecular genetics. The growing demand for personalized medicine, availability of government funding for biotechnology and pharmaceutical, coupled with increasing applications of RNA sequencing in transcriptomics are the primary factors for the market growth across the globe. Additionally, rising spendings on transcriptomic technologies coupled with the

introduction of a new product range by the leading players are the further factors that may surge the market demand in the impending period. For instance, in May 2021, Bio-Rad Laboratories Inc. introduced the company's SEQuoiaRiboDepletion Kit for the Next-Generation (NGS) sequencing. The product has the ability to enhance assessment efficiency by eliminating extraneous rRNA fragments from the RNA sequencing library. Similarly, in September 2020, Agilent Technologies Inc. announced the launch of its SureSelect XT HS2 RNA Reagent Kit, which features a modular design. The product allows a simple and parallel approach for both RNA and DNA samples. However, the high capital investment and data management in transcriptomics research impede the growth of the market over the forecast period of 2022-2028. Also, the growing focus on biomarker discovery and outsourcing and the rising application of toxicogenomics is anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global RNA Analysis/ Transcriptomics market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. Asia-Pacific is the leading region across the world in terms of market share owing to the growing academic and government investments in genomics and proteomics research, high adoption of advanced technologies, and rising development of structure-based drug designs across the region. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as high biopharmaceutical R&D expenditure, as well as international collaboration and partnership between Asian research institutes, would create lucrative growth prospects for the RNA Analysis/ Transcriptomics market across the Asia-Pacific region.

Major market players included in this report are:

Thermo Fisher Scientific, Inc.

Bio-Rad Laboratories, Inc.

Agilent Technologies, Inc.

Illumina, Inc.

F. Hoffmann-La Roche Ltd.

Danaher Corporation

Fluidigm Corporation

CD Genomics Company

Promega Corporation

Takara Holdings, 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 Product:

Reagents/Consumables

Instruments

Software

Services

By Technology:

Microarrays

Sequencing

Polymerase Chain Reaction

RNA Interference

By Application:

Clinical Diagnostics

Drug Discovery

Toxicogenomics

Comparative Transcriptomics

By End User:

Academic & Research Institutes

Pharmaceutical & Biotechnology Companies

Hospitals

Contract Research Organizations

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 RNA Analysis/ Transcriptomics 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 RNA Analysis/ Transcriptomics Market, by Region, 2020-2028 (USD Billion)
 - 1.2.2. Global RNA Analysis/ Transcriptomics Market, by Product, 2020-2028 (USD Billion)
 - 1.2.3. Global RNA Analysis/ Transcriptomics Market, by Technology, 2020-2028 (USD Billion)
 - 1.2.4. Global RNA Analysis/ Transcriptomics Market, by Application, 2020-2028 (USD Billion)
 - 1.2.5. Global RNA Analysis/ Transcriptomics Market, by End User, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL RNA ANALYSIS/ TRANSCRIPTOMICS 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 RNA ANALYSIS/ TRANSCRIPTOMICS MARKET DYNAMICS

- 3.1. RNA Analysis/ Transcriptomics Market Impact Analysis (2020-2028)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing demand for personalized medicine
 - 3.1.1.2. Rising applications of RNA sequencing in transcriptomics
 - 3.1.2. Market Challenges
 - 3.1.2.1. High capital investment
 - 3.1.2.2. Emergence of data management in transcriptomics research

3.1.3. Market Opportunities

3.1.3.1. Rising emphasis on biomarker discovery and outsourcing

3.1.3.2. Increasing Rising application of toxicogenomics

CHAPTER 4. GLOBAL RNA ANALYSIS/ TRANSCRIPTOMICS 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 (2019-2028)

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 RNA ANALYSIS/ TRANSCRIPTOMICS MARKET, BY PRODUCT

6.1. Market Snapshot

6.2. Global RNA Analysis/ Transcriptomics Market by Product, Performance - Potential Analysis

6.3. Global RNA Analysis/ Transcriptomics Market Estimates & Forecasts by Product 2019-2028 (USD Billion)

6.4. RNA Analysis/ Transcriptomics Market, Sub Segment Analysis

6.4.1. Reagents/Consumables

- 6.4.2. Instruments
- 6.4.3. Software
- 6.4.4. Services

CHAPTER 7. GLOBAL RNA ANALYSIS/ TRANSCRIPTOMICS MARKET, BY TECHNOLOGY

- 7.1. Market Snapshot
- 7.2. Global RNA Analysis/ Transcriptomics Market by Technology, Performance - Potential Analysis
- 7.3. Global RNA Analysis/ Transcriptomics Market Estimates & Forecasts by Technology 2019-2028 (USD Billion)
- 7.4. RNA Analysis/ Transcriptomics Market, Sub Segment Analysis
 - 7.4.1. Microarrays
 - 7.4.2. Sequencing
 - 7.4.3. Polymerase Chain Reaction
 - 7.4.4. RNA Interference

CHAPTER 8. GLOBAL RNA ANALYSIS/ TRANSCRIPTOMICS MARKET, BY APPLICATION

- 8.1. Market Snapshot
- 8.2. Global RNA Analysis/ Transcriptomics Market by Application, Performance - Potential Analysis
- 8.3. Global RNA Analysis/ Transcriptomics Market Estimates & Forecasts by Application 2019-2028 (USD Billion)
- 8.4. RNA Analysis/ Transcriptomics Market, Sub Segment Analysis
 - 8.4.1. Clinical Diagnostics
 - 8.4.2. Drug Discovery
 - 8.4.3. Toxicogenomics
 - 8.4.4. Comparative Transcriptomics

CHAPTER 9. GLOBAL RNA ANALYSIS/ TRANSCRIPTOMICS MARKET, BY END USER

- 9.1. Market Snapshot
- 9.2. Global RNA Analysis/ Transcriptomics Market by End User, Performance - Potential Analysis
- 9.3. Global RNA Analysis/ Transcriptomics Market Estimates & Forecasts by End User

2019-2028 (USD Billion)

9.4. RNA Analysis/ Transcriptomics Market, Sub Segment Analysis

- 9.4.1. Academic & Research Institutes
- 9.4.2. Pharmaceutical & Biotechnology Companies
- 9.4.3. Hospitals
- 9.4.4. Contract Research Organizations

CHAPTER 10. GLOBAL RNA ANALYSIS/ TRANSCRIPTOMICS MARKET, REGIONAL ANALYSIS

10.1. RNA Analysis/ Transcriptomics Market, Regional Market Snapshot

10.2. North America RNA Analysis/ Transcriptomics Market

- 10.2.1. U.S. RNA Analysis/ Transcriptomics Market
 - 10.2.1.1. Product estimates & forecasts, 2019-2028
 - 10.2.1.2. Technology estimates & forecasts, 2019-2028
 - 10.2.1.3. Application estimates & forecasts, 2019-2028
 - 10.2.1.4. End User estimates & forecasts, 2019-2028
- 10.2.2. Canada RNA Analysis/ Transcriptomics Market

10.3. Europe RNA Analysis/ Transcriptomics Market Snapshot

- 10.3.1. U.K. RNA Analysis/ Transcriptomics Market
- 10.3.2. Germany RNA Analysis/ Transcriptomics Market
- 10.3.3. France RNA Analysis/ Transcriptomics Market
- 10.3.4. Spain RNA Analysis/ Transcriptomics Market
- 10.3.5. Italy RNA Analysis/ Transcriptomics Market
- 10.3.6. Rest of Europe RNA Analysis/ Transcriptomics Market

10.4. Asia-Pacific RNA Analysis/ Transcriptomics Market Snapshot

- 10.4.1. China RNA Analysis/ Transcriptomics Market
- 10.4.2. India RNA Analysis/ Transcriptomics Market
- 10.4.3. Japan RNA Analysis/ Transcriptomics Market
- 10.4.4. Australia RNA Analysis/ Transcriptomics Market
- 10.4.5. South Korea RNA Analysis/ Transcriptomics Market
- 10.4.6. Rest of Asia Pacific RNA Analysis/ Transcriptomics Market

10.5. Latin America RNA Analysis/ Transcriptomics Market Snapshot

- 10.5.1. Brazil RNA Analysis/ Transcriptomics Market
- 10.5.2. Mexico RNA Analysis/ Transcriptomics Market

10.6. Rest of The World RNA Analysis/ Transcriptomics 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. Bio-Rad Laboratories, Inc.
 - 11.2.3. Agilent Technologies, Inc.
 - 11.2.4. Illumina, Inc.
 - 11.2.5. F. Hoffmann-La Roche Ltd.
 - 11.2.6. Danaher Corporation
 - 11.2.7. Fluidigm Corporation
 - 11.2.8. CD Genomics Company
 - 11.2.9. Promega Corporation
 - 11.2.10. Takara Holdings, 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 RNA Analysis/ Transcriptomics Market, report scope

TABLE 2. Global RNA Analysis/ Transcriptomics Market estimates & forecasts by Region 2019-2028 (USD Billion)

TABLE 3. Global RNA Analysis/ Transcriptomics Market estimates & forecasts by Product 2019-2028 (USD Billion)

TABLE 4. Global RNA Analysis/ Transcriptomics Market estimates & forecasts by Technology 2019-2028 (USD Billion)

TABLE 5. Global RNA Analysis/ Transcriptomics Market estimates & forecasts by Application 2019-2028 (USD Billion)

TABLE 6. Global RNA Analysis/ Transcriptomics Market estimates & forecasts by End User 2019-2028 (USD Billion)

TABLE 7. Global RNA Analysis/ Transcriptomics Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 8. Global RNA Analysis/ Transcriptomics Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 9. Global RNA Analysis/ Transcriptomics Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 10. Global RNA Analysis/ Transcriptomics Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 11. Global RNA Analysis/ Transcriptomics Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 12. Global RNA Analysis/ Transcriptomics Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 13. Global RNA Analysis/ Transcriptomics Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 14. Global RNA Analysis/ Transcriptomics Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 15. Global RNA Analysis/ Transcriptomics Market by segment, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 16. Global RNA Analysis/ Transcriptomics Market by region, estimates & forecasts, 2019-2028 (USD Billion)

TABLE 17. U.S. RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 18. U.S. RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 19. U.S. RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 20. Canada RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 21. Canada RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 22. Canada RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 23. UK RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 24. UK RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 25. UK RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 26. Germany RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 27. Germany RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 28. Germany RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 29. RoE RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 30. RoE RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 31. RoE RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 32. China RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 33. China RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 34. China RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 35. India RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 36. India RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 37. India RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 38. Japan RNA Analysis/ Transcriptomics Market estimates & forecasts,

2019-2028 (USD Billion)

TABLE 39. Japan RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 40. Japan RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 41. RoAPAC RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 42. RoAPAC RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 43. RoAPAC RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 44. Brazil RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 45. Brazil RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 46. Brazil RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 47. Mexico RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 48. Mexico RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 49. Mexico RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 50. RoLA RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 51. RoLA RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 52. RoLA RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 53. Row RNA Analysis/ Transcriptomics Market estimates & forecasts, 2019-2028 (USD Billion)

TABLE 54. Row RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 55. Row RNA Analysis/ Transcriptomics Market estimates & forecasts by segment 2019-2028 (USD Billion)

TABLE 56. List of secondary sources, used in the study of global RNA Analysis/ Transcriptomics Market

TABLE 57. List of primary sources, used in the study of global RNA Analysis/ Transcriptomics Market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global RNA Analysis/ Transcriptomics Market, research methodology
- FIG 2. Global RNA Analysis/ Transcriptomics Market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global RNA Analysis/ Transcriptomics Market, key trends 2021
- FIG 5. Global RNA Analysis/ Transcriptomics Market, growth prospects 2022-2028
- FIG 6. Global RNA Analysis/ Transcriptomics Market, porters 5 force model
- FIG 7. Global RNA Analysis/ Transcriptomics Market, pest analysis
- FIG 8. Global RNA Analysis/ Transcriptomics Market, value chain analysis
- FIG 9. Global RNA Analysis/ Transcriptomics Market by segment, 2019 & 2028 (USD Billion)
- FIG 10. Global RNA Analysis/ Transcriptomics Market by segment, 2019 & 2028 (USD Billion)
- FIG 11. Global RNA Analysis/ Transcriptomics Market by segment, 2019 & 2028 (USD Billion)
- FIG 12. Global RNA Analysis/ Transcriptomics Market by segment, 2019 & 2028 (USD Billion)
- FIG 13. Global RNA Analysis/ Transcriptomics Market by segment, 2019 & 2028 (USD Billion)
- FIG 14. Global RNA Analysis/ Transcriptomics Market, regional snapshot 2019 & 2028
- FIG 15. North America RNA Analysis/ Transcriptomics Market 2019 & 2028 (USD Billion)
- FIG 16. Europe RNA Analysis/ Transcriptomics Market 2019 & 2028 (USD Billion)
- FIG 17. Asia pacific market 2019 & 2028 (USD Billion)
- FIG 18. Latin America RNA Analysis/ Transcriptomics Market 2019 & 2028 (USD Billion)
- FIG 19. Global RNA Analysis/ Transcriptomics Market, company market share analysis (2021)

I would like to order

Product name: Global RNA Analysis/ Transcriptomics Market Size study, By Product (Reagents/Consumables, Instruments, Software, Services), By Technology (Microarrays, Sequencing, Polymerase Chain Reaction, RNA Interference), By Application (Clinical Diagnostics, Drug Discovery, Toxicogenomics, Comparative Transcriptomics), By End User (Academic & Research Institutes, Pharmaceutical & Biotechnology Companies, Hospitals, Contract Research Organizations), and Regional Forecasts 2022-2028

Product link: <https://marketpublishers.com/r/G5853CDD493AEN.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/G5853CDD493AEN.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