+44 20 8123 2220
info@marketpublishers.com

US Gene Expression Analysis Market Size study, by Technology (Polymerase Chain Reaction (PCR), Next Generation Sequencing (NGS), Microarrays, Others), by Product Type (Instruments, Reagents and Consumables, Services), by End-user (Drug Discovery & Development, Diagnostic Laboratories, Academic Research Centers) Forecasts 2022-2032

https://marketpublishers.com/r/U98CF52D8616EN.html
Date: May 2024
Pages: 200
Price: US$ 4,950.00 (Single User License)
ID: U98CF52D8616EN

Abstracts

US Gene Expression Analysis Market is valued at approximately USD 941.61 million in 2023 and is anticipated to grow with a healthy growth rate of more than 10.43% over the forecast period 2024-2032. Gene expression analysis is the study of the activity of genes in a cell or tissue at a given moment. It involves measuring the levels of messenger RNA (mRNA) produced from each gene, as mRNA is the intermediate molecule between DNA and protein synthesis. This process provides insights into which genes are being actively transcribed and can give clues about the functional state of cells or tissues under different conditions. Moreover, the key trend of Gene Expression Analysis Market in growing demand for personalized medicine. Gene expression analysis plays a crucial role in personalized medicine by providing insights into individual variations in gene expression profiles. This information can be used to tailor treatment strategies and improve patient outcomes in areas such as cancer therapy and precision medicine.

Gene expression analysis is widely used in pharmaceutical research and development processes, including target identification, validation, and biomarker discovery. As the pharmaceutical industry seeks to accelerate the drug development pipeline and improve the success rate of clinical trials, there is a growing demand for advanced gene expression analysis technologies and services. Additionally, other factors that support

+44 20 8123 2220
info@marketpublishers.com

the market growth of Gene Expression Analysis Market are the rising prevalence of chronic diseases such as cancer, cardiovascular disorders, and neurological conditions, cohesive government initiatives and funding, increasing adoption of precision medicine, growing research in biomarker discovery, and expansion of biotechnology and life sciences industry. However, a scarcity of experienced labor and the high cost of the instruments are likely to stymie market expansion over the projection period 2024-2032.

Major market player included in this report are:
Thermo Fisher Scientific Inc.
Bio-Rad Laboratories Inc
Agilent Technologies Inc
Standard BioTools
Zymo Research Corporation
Company 6
Company 7
Company 8
Company 9
Company 10

The detailed segments and sub-segment of the market are explained below:

By Technology
Polymerase Chain Reaction (PCR)
Next Generation Sequencing (NGS)
Microarrays
Others

By Product Type
Instruments
Reagents and Consumables
Services

By End-user
Drug Discovery & Development
Diagnostic Laboratories
Academic Research Centers

+44 20 8123 2220
info@marketpublishers.com

Years considered for the study are as follows:
Historical year – 2022
Base year – 2023
Forecast period – 2024 to 2032

Key Takeaways:
Market Estimates & Forecast for 10 years from 2022 to 2032.
Annualized revenues and Country level analysis for each market segment.
Detailed analysis of geographical landscape with Country level analysis of major regions.
Competitive landscape with information on major players in the market.
Analysis of key business strategies and recommendations on future market approach.
Analysis of competitive structure of the market.
Demand side and supply side analysis of the market

+44 20 8123 2220
info@marketpublishers.com

Contents

CHAPTER 1. US GENE EXPRESSION ANALYSIS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

1.1. Research Objective
1.2. Market Definition
1.3. Research Assumptions
  1.3.1. Inclusion & Exclusion
  1.3.2. Limitations
  1.3.3. Supply Side Analysis
    1.3.3.1. Availability
    1.3.3.2. Infrastructure
    1.3.3.3. Regulatory Environment
    1.3.3.4. Market Competition
    1.3.3.5. Economic Viability (Consumer’s Perspective)
  1.3.4. Demand Side Analysis
    1.3.4.1. Regulatory frameworks
    1.3.4.2. Technological Advancements
    1.3.4.3. Environmental Considerations
    1.3.4.4. Consumer Awareness & Acceptance
1.4. Estimation Methodology
1.5. Years Considered for the Study
1.6. Currency Conversion Rates

CHAPTER 2. EXECUTIVE SUMMARY

2.1. US Gene Expression Analysis Market Size & Forecast (2022- 2032)
2.2. Segmental Summary
  2.2.1. By Technology
  2.2.2. By Product Type
  2.2.3. By End-User
2.3. Key Trends
2.4. Recession Impact
2.5. Analyst Recommendation & Conclusion

CHAPTER 3. US GENE EXPRESSION ANALYSIS MARKET DYNAMICS

3.1. Market Drivers

+44 20 8123 2220
info@marketpublishers.com

3.2. Market Challenges
3.3. Market Opportunities

CHAPTER 4. US GENE EXPRESSION ANALYSIS 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
  4.1.7. Porter’s 5 Force Impact Analysis
4.2. PESTEL Analysis
  4.2.1. Political
  4.2.2. Economical
  4.2.3. Social
  4.2.4. Technological
  4.2.5. Environmental
  4.2.6. Legal
4.3. Top investment opportunity
4.4. Top winning strategies
4.5. Disruptive Trends
4.6. Industry Expert Perspective
4.7. Analyst Recommendation & Conclusion

CHAPTER 5. US GENE EXPRESSION ANALYSIS MARKET SIZE & FORECASTS BY TECHNOLOGY 2022-2032

5.1. Polymerase Chain Reaction (PCR)
5.2. Next Generation Sequencing (NGS)
5.3. Microarrays
5.4. Others

CHAPTER 6. US GENE EXPRESSION ANALYSIS MARKET SIZE & FORECASTS BY PRODUCT TYPE 2022-2032

6.1. Instruments
6.2. Reagents and Consumables

+44 20 8123 2220
info@marketpublishers.com

6.3. Services

CHAPTER 7. US GENE EXPRESSION ANALYSIS MARKET SIZE & FORECASTS BY END-USER 2022-2032

7.1. Drug Discovery & Development
7.2. Diagnostic Laboratories
7.3. Academic Research Centers

CHAPTER 8. COMPETITIVE INTELLIGENCE

8.1. Key Company SWOT Analysis
  8.1.1. Company
  8.1.2. Company
  8.1.3. Company
8.2. Top Market Strategies
8.3. Company Profiles
  8.3.1. Thermo Fisher Scientific Inc
    8.3.1.1. Key Information
    8.3.1.2. Overview
    8.3.1.3. Financial (Subject to Data Availability)
    8.3.1.4. Product Summary
    8.3.1.5. Market Strategies
  8.3.2. Bio-Rad Laboratories Inc
  8.3.3. Agilent Technologies Inc
  8.3.4. Standard BioTools
  8.3.5. Zymo Research Corporation
  8.3.6. Company
  8.3.7. Company
  8.3.8. Company
  8.3.9. Company
  8.3.10. Company

CHAPTER 9. RESEARCH PROCESS

9.1. Research Process
  9.1.1. Data Mining
  9.1.2. Analysis
  9.1.3. Market Estimation

+44 20 8123 2220
info@marketpublishers.com

9.1.4. Validation
9.1.5. Publishing
9.2. Research Attributes

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLESTABLE 1. US GENE EXPRESSION ANALYSIS MARKET, REPORT SCOPE

TABLE 2. US Gene Expression Analysis market estimates & forecasts by Technology 2022-2032 (USD Million)
TABLE 3. US Gene Expression Analysis market estimates & forecasts by Product Type 2022-2032 (USD Million)
TABLE 4. US Gene Expression Analysis market estimates & forecasts by End-User 2022-2032 (USD Million)
TABLE 5. US Gene Expression Analysis market by segment, estimates & forecasts, 2022-2032 (USD Million)
TABLE 6. US Gene Expression Analysis market by segment, estimates & forecasts, 2022-2032 (USD Million)
TABLE 7. US Gene Expression Analysis market by segment, estimates & forecasts, 2022-2032 (USD Million)
TABLE 8. US Gene Expression Analysis market by segment, estimates & forecasts, 2022-2032 (USD Million)
TABLE 9. US Gene Expression Analysis market by segment, estimates & forecasts, 2022-2032 (USD Million)
TABLE 10. U.S. Gene Expression Analysis market estimates & forecasts, 2022-2032 (USD Million)
TABLE 11. U.S. Gene Expression Analysis market estimates & forecasts by segment 2022-2032 (USD Million)
TABLE 12. U.S. Gene Expression Analysis market estimates & forecasts by segment 2022-2032 (USD Million)
TABLE 13. List of secondary sources, used in the study of US Gene Expression Analysis Market.
TABLE 14. List of primary sources, used in the study of US Gene Expression Analysis Market.
TABLE 15. Years considered for the study.
TABLE 16. Exchange rates considered.

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

FIG 1. US Gene Expression Analysis market, research methodology
FIG 2. US Gene Expression Analysis market, market estimation techniques
FIG 3. US market size estimates & forecast methods.
FIG 4. US Gene Expression Analysis market, key trends 2023
FIG 5. US Gene Expression Analysis market, growth prospects 2022-2032
FIG 6. US Gene Expression Analysis market, porters 5 force model
FIG 7. US Gene Expression Analysis market, pestel analysis
FIG 8. US Gene Expression Analysis market, value chain analysis
FIG 9. US Gene Expression Analysis market by segment, 2022 & 2032 (USD Million)
FIG 10. US Gene Expression Analysis market by segment, 2022 & 2032 (USD Million)
FIG 11. US Gene Expression Analysis market by segment, 2022 & 2032 (USD Million)
FIG 12. US Gene Expression Analysis market by segment, 2022 & 2032 (USD Million)
FIG 13. US Gene Expression Analysis market by segment, 2022 & 2032 (USD Million)
FIG 14. US Gene Expression Analysis market, company market share analysis (2023)

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: US Gene Expression Analysis Market Size study, by Technology (Polymerase Chain Reaction (PCR), Next Generation Sequencing (NGS), Microarrays, Others), by Product Type (Instruments, Reagents and Consumables, Services), by End-user (Drug Discovery & Development, Diagnostic Laboratories, Academic Research Centers) Forecasts 2022-2032

Product link: https://marketpublishers.com/r/U98CF52D8616EN.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/U98CF52D8616EN.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

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

+44 20 8123 2220
info@marketpublishers.com

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