

Rat and Mouse Model Market Size, Trends, Analysis, and Outlook By Model (Inbred, Outbred), By Service (Cryopreservation, Breeding, Rederivation, Genetic testing, Quarantine depending, Others), By Application (Cardiovascular diseases, Genetic diseases, Cancer, Infectious diseases, Transplantation, Others), By End-user (Pharmaceutical & Biotechnology companies, Academic and research facilities, Contract research & manufacturing organizations), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/RBF60D77B8E5EN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: RBF60D77B8E5EN

Abstracts

The global Rat and Mouse Model market size is poised to register 10.08% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Rat and Mouse Model market across By Model (Inbred, Outbred), By Service (Cryopreservation, Breeding, Rederivation, Genetic testing, Quarantine depending, Others), By Application (Cardiovascular diseases, Genetic diseases, Cancer, Infectious diseases, Transplantation, Others), By End-user (Pharmaceutical & Biotechnology companies, Academic and research facilities, Contract research & manufacturing organizations).

The Rat and Mouse Model market are witnessing robust growth due to the increasing demand for preclinical animal models in biomedical research, drug discovery, and toxicology studies, along with advancements in genetic engineering and genome editing technologies enabling the creation of sophisticated rodent models. Rats and mice are

widely used in research to study human diseases, investigate drug efficacy and safety, and understand biological mechanisms. Factors such as the expanding pharmaceutical and biotechnology pipelines, the growing emphasis on translational research and personalized medicine, and the rising investments in animal model development and characterization are driving market expansion. Additionally, advancements in genome editing tools such as CRISPR/Cas9, TALENs, and ZFNs, along with the development of humanized and patient-derived xenograft models, are fueling innovation in the market. Moreover, the increasing adoption of genetically modified rodent models for disease modeling, drug target validation, and preclinical testing, the expansion of contract breeding and model production services, and the rising demand for specialized rodent strains with defined genetic backgrounds and phenotypic characteristics are driving market growth. Furthermore, efforts to enhance animal welfare standards, optimize model reproducibility and reliability, and develop novel rodent models for emerging therapeutic areas and precision medicine applications are expected to further propel market growth in the foreseeable future.

Rat and Mouse Model Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Rat and Mouse Model market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Rat and Mouse Model survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Rat and Mouse Model industry.

Key market trends defining the global Rat and Mouse Model demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Rat and Mouse Model Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Rat and Mouse Model industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting

companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Rat and Mouse Model companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Rat and Mouse Model industry

Leading Rat and Mouse Model companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Rat and Mouse Model companies.

Rat and Mouse Model Market Study- Strategic Analysis Review

The Rat and Mouse Model market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Rat and Mouse Model Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Rat and Mouse Model industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023,

the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Rat and Mouse Model Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Rat and Mouse Model Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Rat and Mouse Model market segments. Similarly, Strong end-user demand is encouraging Canadian Rat and Mouse Model companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Rat and Mouse Model market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Rat and Mouse Model Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Rat and Mouse Model industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Rat and Mouse Model market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Rat and Mouse Model Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Rat and Mouse Model in Asia Pacific. In particular, China, India, and South East Asian Rat and Mouse Model markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Rat and Mouse Model Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Rat and Mouse Model Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Rat and Mouse Model market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Rat and Mouse Model.

Rat and Mouse Model Market Company Profiles

The global Rat and Mouse Model market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Charles River Laboratories, The Jackson Laboratory, Cyagen, genOway, Inotiv, Janvier Labs, Taconic Biosciences, Inc., Biomedical Research Models (Biomere), Hera Biolabs, Kind Lab, Ozgene Pty Ltd

Recent Rat and Mouse Model Market Developments

The global Rat and Mouse Model market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Rat and Mouse Model Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Model

Inbred

-Knockout

-Knock-in

-Others

Outbred

-Knockout

-Knock-in

-Others

By Service

Cryopreservation

Breeding

Rederivation

Genetic testing

Quarantine depending

Others

By Application

Cardiovascular diseases

Genetic diseases

Cancer

Infectious diseases

Transplantation

Others

By End-User

Pharmaceutical & Biotechnology companies

Academic and research facilities

Contract research & manufacturing organizations

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Charles River Laboratories

The Jackson Laboratory

Cyagen

genOway

Inotiv

Janvier Labs

Taconic Biosciences, Inc.

Biomedical Research Models (Biomere)

Hera Biolabs

Kind Lab

Ozgene Pty Ltd

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Rat and Mouse Model Market Overview and Key Findings, 2024
- 1.2 Rat and Mouse Model Market Size and Growth Outlook, 2021- 2030
- 1.3 Rat and Mouse Model Market Growth Opportunities to 2030
- 1.4 Key Rat and Mouse Model Market Trends and Challenges
 - 1.4.1 Rat and Mouse Model Market Drivers and Trends
 - 1.4.2 Rat and Mouse Model Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Rat and Mouse Model Companies

2. RAT AND MOUSE MODEL MARKET SIZE OUTLOOK TO 2030

- 2.1 Rat and Mouse Model Market Size Outlook, USD Million, 2021- 2030
- 2.2 Rat and Mouse Model Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. RAT AND MOUSE MODEL MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. RAT AND MOUSE MODEL MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
 - By Model
 - Inbred
 - Knockout

- Knock-in
- Others
- Outbred
- Knockout
- Knock-in
- Others
- By Service
- Cryopreservation
- Breeding
- Rederivation
- Genetic testing
- Quarantine depending
- Others
- By Application
- Cardiovascular diseases
- Genetic diseases
- Cancer
- Infectious diseases
- Transplantation
- Others
- By End-User
- Pharmaceutical & Biotechnology companies
- Academic and research facilities
- Contract research & manufacturing organizations
- 4.3 Growth Prospects and Niche Opportunities, 2023- 2030
- 4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

- 5.1 Key Findings for Asia Pacific Rat and Mouse Model Market, 2025
- 5.2 Asia Pacific Rat and Mouse Model Market Size Outlook by Type, 2021- 2030
- 5.3 Asia Pacific Rat and Mouse Model Market Size Outlook by Application, 2021- 2030
- 5.4 Key Findings for Europe Rat and Mouse Model Market, 2025
- 5.5 Europe Rat and Mouse Model Market Size Outlook by Type, 2021- 2030
- 5.6 Europe Rat and Mouse Model Market Size Outlook by Application, 2021- 2030
- 5.7 Key Findings for North America Rat and Mouse Model Market, 2025
- 5.8 North America Rat and Mouse Model Market Size Outlook by Type, 2021- 2030
- 5.9 North America Rat and Mouse Model Market Size Outlook by Application, 2021- 2030

- 5.10 Key Findings for South America Rat and Mouse Model Market, 2025
- 5.11 South America Pacific Rat and Mouse Model Market Size Outlook by Type, 2021-2030
- 5.12 South America Rat and Mouse Model Market Size Outlook by Application, 2021-2030
- 5.13 Key Findings for Middle East and Africa Rat and Mouse Model Market, 2025
- 5.14 Middle East Africa Rat and Mouse Model Market Size Outlook by Type, 2021-2030
- 5.15 Middle East Africa Rat and Mouse Model Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

- 6.1 US Rat and Mouse Model Market Size Outlook and Revenue Growth Forecasts
- 6.2 US Rat and Mouse Model Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Rat and Mouse Model Industry Drivers and Opportunities
- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Rat and Mouse Model Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Rat and Mouse Model Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Rat and Mouse Model Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Rat and Mouse Model Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Rat and Mouse Model Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Rat and Mouse Model Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Rat and Mouse Model Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Rat and Mouse Model Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Rat and Mouse Model Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Rat and Mouse Model Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Rat and Mouse Model Industry Drivers and Opportunities

- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Rat and Mouse Model Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Rat and Mouse Model Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Rat and Mouse Model Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Rat and Mouse Model Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Rat and Mouse Model Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Rat and Mouse Model Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Rat and Mouse Model Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Rat and Mouse Model Industry Drivers and Opportunities

7. RAT AND MOUSE MODEL MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. RAT AND MOUSE MODEL COMPANY PROFILES

- 8.1 Profiles of Leading Rat and Mouse Model Companies in the Market
 - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
 - 8.3 Financial Performance and Key Metrics
- Charles River Laboratories
- The Jackson Laboratory
- Cyagen
- genOway
- Inotiv
- Janvier Labs
- Taconic Biosciences, Inc.
- Biomedical Research Models (Biomere)
- Hera Biolabs
- Kind Lab
- Ozgene Pty Ltd

9. APPENDIX

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

I would like to order

Product name: Rat and Mouse Model Market Size, Trends, Analysis, and Outlook By Model (Inbred, Outbred), By Service (Cryopreservation, Breeding, Rederivation, Genetic testing, Quarantine depending, Others), By Application (Cardiovascular diseases, Genetic diseases, Cancer, Infectious diseases, Transplantation, Others), By End-user (Pharmaceutical & Biotechnology companies, Academic and research facilities, Contract research & manufacturing organizations), by Region, Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/RBF60D77B8E5EN.html>

Price: US\$ 3,980.00 (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/RBF60D77B8E5EN.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