

Rat Model Market Size, Share & Trends Analysis Report By Type (Outbred, Knockout), By Technology (Embryonic Stem Cell, Microinjection), By Service, By Application, By End-use, By Region, And Segment Forecasts, 2022 - 2030

<https://marketpublishers.com/r/R7D94B4802BEN.html>

Date: October 2022

Pages: 200

Price: US\$ 5,950.00 (Single User License)

ID: R7D94B4802BEN

Abstracts

This report can be delivered to the clients within 3 Business Days

Rat Model Market Growth & Trends

The global rat model market size is expected to reach USD 2.41 billion by 2030, according to a new report by Grand View Research, Inc., expanding at a CAGR of 7.81% from 2022 to 2030. Genetically modified organisms are extensively used in research for identifying potential therapeutic targets and further validation of the same. The extensive healthcare-based research has driven the market for understanding diseases and genetic illnesses of humans.

During the COVID-19 outbreak, researchers were focused on understanding the pathogenesis and transmission of the SARS-CoV2 virus by using the readily available animal model in addition to in-vitro and ex-vivo culture systems. These models also helped in the evaluation of vaccines and antivirals for the treatment. Companies creating transgenic animals used this as a perfect opportunity to provide the scientific community with genetically modified rats for evaluation of SARS-Cov2 entry. For example, in 2020, Envigo created the hACE2 knockin rat model through CRISPR-based technology. ACE2 serving as a primary receptor facilitates the entry of the SARS-CoV2 virus and is being investigated as a potential preventative target.

Animal models continue to be significant tools for preclinical testing of potential

therapeutics and understanding disease mechanisms. Increased spending on research and growing number of clinical trials are the key factors contributing to the market growth. The rising incidence of genetic diseases globally and the surge in the use of animal species to advance various groundbreaking therapies are expected to further propel the market growth. Post completion of The Human Genome Project in 2003, there have been evident advancements in synthetic and molecular biology for understanding the genetic basis of diseases. These advanced technologies and products have also made it easier to create genetically engineered models (GEM) of rats, wherein different types such as knockout, outbred, inbred, and conditioned are now available in the market.

The market is expected to observe direct competition from the mouse/mice model. The mice models have been long preferred due to their small sizes and they offer economic as well as more established choices for discovery and early stage research. However, the vast use of gene editing tools in rats and the similarity of rat and human genomes make the rat model suitable for genetic manipulation and handling of experiments, thus fueling the market expansion.

Rat Model Market Report Highlights

By type, outbred rat held the largest share in 2021. This is due to the physiological similarity of gene changes in outbred rats as in humans, which attributes to a disease phenotype

By technology, other technologies (CRISPR/Cas, ZFN, and more) accounted for the largest share in 2021. The advent of genome editing tools has led to custom rat model creation according to the research application, thus contributing to the market demand

By service, the breeding segment dominated the market in 2021. This is due to the high demand for multiple rat models during experiments to assess genetic variations among a population pool

By application, in 2021, toxicology held the largest share. Owing to the demand for medications and therapeutics, toxicology studies in rats help analyze various factors such as dosing and route of administration during preclinical stages

By end-use, the contract research organizations held the largest share in 2021. The robust R&D settings and the multiple drug discovery programs and

clinical trials are fueling the segment growth. These activities employ a wide number of rat models to mimic the human response during any treatment

North America held the largest revenue share in 2021. Growing prevalence of diseases in this region, coupled with the focus of healthcare agencies on this, has resulted in multiple funding to academic institutes for facilitating research in rats

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Research Methodology
- 1.2 Research Assumptions
 - 1.2.1 Estimates And Forecast Timeline
- 1.3 Research Methodology
- 1.4 Information Procurement
 - 1.4.1 Purchased Database
 - 1.4.2 Gvr's Internal Database
 - 1.4.3 Secondary Sources
 - 1.4.4 Primary Research
- 1.5 Information Or Data Analysis
 - 1.5.1 Data Analysis Models
- 1.6 Market Formulation & Validation
- 1.7 Model Details
 - 1.7.1 Commodity Flow Analysis
 - 1.7.1.1 Approach 1: Commodity Flow Approach
 - 1.7.1.2 Approach 2: Country Wise Market Estimation Using Bottom Up Approach
- 1.8 Global Market: Cagr Calculation
- 1.9 List Of Secondary Sources
- 1.10 List Of Primary Sources
- 1.11 Objectives
 - 1.11.1 Objective 1:
 - 1.11.2 Objective 2:

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Snapshot, 2021

CHAPTER 3 MARKET VARIABLES, TRENDS & SCOPE

- 3.1 Market Segmentation & Scope
- 3.2 Market Dynamics
 - 3.2.1 Market Drivers Analysis
 - 3.2.1.1 Continuous Increase In Investments And Grants Supports Research Activities
 - 3.2.1.2 Increase In Number Of Cro For Preclinical And Clinical Testing
 - 3.2.1.3 Application Of Genome Editing Tools For Generation Of Rodent Models

3.2.2 Market Restraint Analysis

3.2.2.1 Ethical Issues And Government Regulations Pertaining To The Use Of Animals For Research

3.3 Penetration And Growth Prospect Mapping, 2021

3.4 Covid-19 Impact Analysis

3.5 Rat Model Market Analysis Tools

3.5.1 Swot Analysis, By Factor (Political & Legal, Economic, And Technological)

3.5.2 Porter's Five Forces Analysis

CHAPTER 4 TYPE BUSINESS ANALYSIS

4.1 Rat Model Market: Type Movement Analysis

4.2 Knockout

4.2.1 Global Rat Model Market For Knockout Estimates And Forecast, 2018 - 2030 (USD Million)

4.3 Outbred

4.3.1 Global Rat Model Market For Outbred Market Estimates And Forecast, 2018 - 2030 (USD Million)

4.4 Inbred

4.4.1 Global Rat Model Market For Inbredmarket Estimates And Forecast, 2018 - 2030 (USD Million)

4.5 Hybrid

4.5.1 Global Rat Model Market For Hybrid Market Estimates And Forecast, 2018 - 2030 (USD Million)

4.6 Immunodeficient

4.6.1 Global Rat Model Market For Immunodeficient Market Estimates And Forecast, 2018 - 2030 (USD Million)

4.7 Conditioned

4.7.1 Global Rat Model Market For Conditioned Market Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 5 TECHNOLOGY BUSINESS ANALYSIS

5.1 Rat Model Market: Technology Movement Analysis

5.2 Nuclear Transferase

5.2.1 Global Rat Model Market For Nuclear Transferase Market Estimates And Forecast, 2018 - 2030 (USD Million)

5.3 Microinjection

5.3.1 Global Rat Model Market For Microinjection market Estimates And Forecast,

2018 - 2030 (USD Million)

5.4 Embryonic Stem Cell

5.4.1 Global Rat Model Market For Embryonic Stem Cell market Estimates And Forecast, 2018 - 2030 (USD Million)

5.6 Others

5.6.1 Global Rat Model Market For Othersmarket Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 6 SERVICE BUSINESS ANALYSIS

6.1 Rat Model Market: Service Movement Analysis

6.2 Cryopreservation

6.2.1 Global Rat Model Market For Cryopreservation market Estimates And Forecast, 2018-2030

6.3 Breeding

6.3.1 Global Rat Model Market for Breeding market Estimates And Forecast, 2018-2030

6.4 Rederivation

6.4.1 Global Rat Model Market for Rederivation Market Estimates And Forecast, 2018-2030

6.5 Genetic Testing

6.5.1 Global Rat Model Market for Genetic Testing Market Estimates And Forecast, 2018-2030

6.6 Quarantine Depending

6.6.1 Global Rat Model Market for Quarantine Depending Market Estimates And Forecast, 2018-2030

6.7 Others

6.7.1 Global Rat Model Market for Others Market Estimates And Forecast, 2018-2030

CHAPTER 7 APPLICATION BUSINESS ANALYSIS

7.1 Rat Model Market: Application Movement Analysis

7.2 Oncology

7.2.1 Global Rat Model Market For Oncology Market Estimates And Forecast, 2018-2030

7.3 Neurology

7.3.1 Global Rat Model Market For Neurology Market Estimates And Forecast, 2018-2030

7.4 Immunology

7.4.1 Global Rat Model Market For Immunology Market Estimates And Forecast, 2018 - 2030 (USD Million)

7.5 Toxicology

7.5.1 Global Rat Model Market For Toxicology Market Estimates And Forecast, 2018 - 2030 (USD Million)

7.6 Other

7.6.1 Global Rat Model Market For Other Market Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 8 END-USE BUSINESS ANALYSIS

8.1 Rat Model Market: End-Use Movement Analysis

8.2 Cros

8.2.1 Global Rat Model Market For Cros Estimates And Forecast, 2018 - 2030 (USD Million)

8.3 Academic And Research Institutes

8.3.1 Global Rat Model Market For Academic And Research Institutes Estimates And Forecast, 2018 - 2030 (USD Million)

8.4 pharmaceutical & Biotechnology Companies

8.4.1 Global Rat Model Market For pharmaceutical & Biotechnology Companies Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 9 REGIONAL BUSINESS ANALYSIS

9.1 Rat Model Market: Regional Movement Analysis

9.2 North America

9.2.1 North America Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)

9.2.2 U.S.

9.2.2.1 U.S. Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)

9.2.3 Canada

9.2.3.1 Canada Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)

9.3 Europe

9.3.1 Europe Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)

9.3.2 Germany

9.3.2.1 Germany Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)

9.3.3 France

- 9.3.3.1 France Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 9.3.4 U.K.
 - 9.3.4.1 U.K. Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 9.3.5 Italy
 - 9.3.5.1 Italy Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 9.3.6 Spain
 - 9.3.6.1 Spain Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 9.4 Asia-Pacific
 - 9.4.1 Asia-Pacific Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
 - 9.4.2 Japan
 - 9.4.2.1 Japan Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
 - 9.4.3 China
 - 9.4.3.1 China Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
 - 9.4.4 India
 - 9.4.4.1 India Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
 - 9.4.5 Australia
 - 9.4.5.1 Australia Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
 - 9.4.6 South Korea
 - 9.4.6.1 South Korea Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 9.5 Latin America
 - 9.5.1 Latin America Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
 - 9.5.2 Brazil
 - 9.5.2.1 Brazil Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
 - 9.5.3 Mexico
 - 9.5.3.1 Mexico Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
- 9.6 Middle East And Africa
 - 9.6.1 Middle-East And Africa Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
 - 9.6.2 South africa
 - 9.6.2.1 South africa Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
 - 9.6.3 Saudi Arabia
 - 9.6.3.1 Saudi Arabia Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)
 - 9.6.3 Uae

9.6.3.1 Uae Rat Model Market Estimates And Forecast, 2018 - 2030 (USD Million)

CHAPTER 10 COMPETITIVE LANDSCAPE

10.1 Strategy Framework

10.2 Company Profiles

10.2.1 CHARLES RIVER LABORATORIES, INC.

10.2.1.1 Company overview

10.2.1.2 Financial Performance

10.2.1.3 Product benchmarking

10.2.1.4 Strategic initiatives

10.2.2 ENVIGO

10.2.2.1 Company overview

10.2.2.2 Financial Performance

10.2.2.3 Product benchmarking

10.2.2.4 Strategic initiatives

10.2.3 LABORATORY CORPORATION OF AMERICA (LABCORP)

10.2.3.1 Company overview

10.2.3.2 Financial Performance

10.2.3.3 Product benchmarking

10.2.3.4 Strategic initiatives

10.2.4 TACONIC BIOSCIENCES, INC.

10.2.4.2 Company overview

10.2.4.3 Financial Performance

10.2.4.4 Product benchmarking

10.2.4.5 Strategic initiatives

10.2.5 GENOWAY

10.2.5.1 Company overview

10.2.5.2 Financial Performance

10.2.5.3 Product benchmarking

10.2.5.4 Strategic initiatives

10.2.6 TRANSVIRAGEN, INC.

10.2.6.1 Company overview

10.2.6.2 Financial Performance

10.2.6.3 Product benchmarking

10.2.6.4 Strategic initiatives

10.2.7 JANVIER LABS

10.2.7.1 Company overview

10.2.7.2 Financial Performance

10.2.7.3 Product benchmarking

10.2.7.4 Strategic initiatives

10.2.8 CYAGEN BIOSCIENCES

10.2.8.1 Company overview

10.2.8.2 Financial Performance

10.2.8.3 Product benchmarking

10.2.8.4 Strategic initiatives

10.2.9 BIOMERE (BIOMEDICAL RESEARCH MODELS, INC.)

10.2.9.1 Company overview

10.2.9.2 Financial Performance

10.2.9.3 Product benchmarking

10.2.9.4 Strategic initiatives

List Of Tables

LIST OF TABLES

Table 1 List of Secondary Sources

Table 2 Global Rat Model Market, by Type, 2018 - 2030 (USD Million)

Table 3 Global Rat Model Market, by Technology, 2018 - 2030 (USD Million)

Table 4 Global Rat Model Market, by Service, 2018 - 2030 (USD Million)

Table 5 Global Rat Model Market, by Application, 2018 - 2030 (USD Million)

Table 6 Global Rat Model Market, by End-use, 2018 - 2030 (USD Million)

Table 7 North America Rat Model Market, by Country, 2018 - 2030 (USD Million)

Table 8 North America Rat Model Market, by Type, 2018 - 2030 (USD Million)

Table 9 North America Rat Model Market, by Technology, 2018 - 2030 (USD Million)

Table 10 North America Rat Model Market, by Service, 2018 - 2030 (USD Million)

Table 11 North America Rat Model Market, by Application, 2018 - 2030 (USD Million)

Table 12 North America Rat Model Market, by End-use, 2018 - 2030 (USD Million)

Table 13 U.S. Rat Model Market, by Type, 2018 - 2030 (USD Million)

Table 14 U.S. Rat Model Market, by Technology, 2018 - 2030 (USD Million)

Table 15 U.S. Rat Model Market, by Service, 2018 - 2030 (USD Million)

Table 16 U.S. Rat Model Market, by Application, 2018 - 2030 (USD Million)

Table 17 U.S. Rat Model Market, by End-use, 2018 - 2030 (USD Million)

Table 18 Canada Rat Model Market, by Type, 2018 - 2030 (USD Million)

Table 19 Canada Rat Model Market, by Technology, 2018 - 2030 (USD Million)

Table 20 Canada Rat Model Market, by Service, 2018 - 2030 (USD Million)

Table 21 Canada Rat Model Market, by Application, 2018 - 2030 (USD Million)

Table 22 Canada Rat Model Market, by End-use, 2018 - 2030 (USD Million)

Table 23 Europe Rat Model Market, by Country, 2018 - 2030 (USD Million)

Table 24 Europe Rat Model Market, by Type, 2018 - 2030 (USD Million)

Table 25 Europe Rat Model Market, by Technology, 2018 - 2030 (USD Million)

Table 26 Europe Rat Model Market, by Service, 2018 - 2030 (USD Million)

Table 27 Europe Rat Model Market, by Application, 2018 - 2030 (USD Million)

Table 28 Europe Rat Model Market, by End-use, 2018 - 2030 (USD Million)

Table 29 Germany Rat Model Market, by Type, 2018 - 2030 (USD Million)

Table 30 Germany Rat Model Market, by Technology, 2018 - 2030 (USD Million)

Table 31 Germany Rat Model Market, by Service, 2018 - 2030 (USD Million)

Table 32 Germany Rat Model Market, by Application, 2018 - 2030 (USD Million)

Table 33 Germany Rat Model Market, by End-use, 2018 - 2030 (USD Million)

Table 34 U.K. Rat Model Market, by Type, 2018 - 2030 (USD Million)

Table 35 U.K. Rat Model Market, by Technology, 2018 - 2030 (USD Million)

Table 36 U.K. Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 37 U.K. Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 38 U.K. Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 39 France Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 40 France Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 41 France Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 42 France Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 43 France Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 44 Italy Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 45 Italy Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 46 Italy Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 47 Italy Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 48 Italy Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 49 Spain Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 50 Spain Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 51 Spain Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 52 Spain Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 53 Spain Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 54 Asia Pacific Rat Model Market, by Country, 2018 - 2030 (USD Million)
Table 55 Asia Pacific Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 56 Asia Pacific Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 57 Asia Pacific Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 58 Asia Pacific Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 59 Asia Pacific Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 60 China Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 61 China Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 62 China Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 63 China Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 64 China Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 65 Japan Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 66 Japan Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 67 Japan Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 68 Japan Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 69 Japan Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 70 India Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 71 India Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 72 India Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 73 India Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 74 India Rat Model Market, by End-use, 2018 - 2030 (USD Million)

Table 75 South Korea Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 76 South Korea Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 77 South Korea Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 78 South Korea Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 79 South Korea Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 80 Australia Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 81 Australia Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 82 Australia Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 83 Australia by Application, 2018 - 2030 (USD Million)
Table 84 Australia Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 85 Latin America Rat Model Market, by Country, 2018 - 2030 (USD Million)
Table 86 Latin America Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 87 Latin America Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 88 Latin America Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 89 Latin America Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 90 Latin America Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 91 Brazil Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 92 Brazil Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 93 Brazil Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 94 Brazil Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 95 Brazil Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 96 Mexico Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 97 Mexico Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 98 Mexico Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 99 Mexico Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 100 Mexico Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 101 Middle East & Africa Rat Model Market, by Country, 2018 - 2030 (USD Million)
Table 102 Middle East & Africa Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 103 Middle East & Africa Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 104 Middle East & Africa Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 105 Middle East & Africa Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 106 Middle East & Africa Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 107 South Africa Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 108 South Africa Rat Model Market, by Technology, 2018 - 2030 (USD Million)

Table 109 South Africa Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 110 South Africa Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 111 South Africa Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 112 UAE Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 113 UAE Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 114 UAE Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 115 UAE Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 116 UAE Rat Model Market, by End-use, 2018 - 2030 (USD Million)
Table 117 Saudi Arabia Rat Model Market, by Type, 2018 - 2030 (USD Million)
Table 118 Saudi Arabia Rat Model Market, by Technology, 2018 - 2030 (USD Million)
Table 119 Saudi Arabia Rat Model Market, by Service, 2018 - 2030 (USD Million)
Table 120 Saudi Arabia Rat Model Market, by Application, 2018 - 2030 (USD Million)
Table 121 Saudi Arabia Rat Model Market, by End-use, 2018 - 2030 (USD Million)

List Of Figures

LIST OF FIGURES

- Figure 1 Market research process
- Figure 2 Information Procurement
- Figure 3 Primary Research Pattern
- Figure 4 Market Research Approaches
- Figure 5 Value Chain-Based Sizing & Forecasting
- Figure 6 Market Formulation & Validation
- Figure 7 Rat Model, Market Segmentation
- Figure 8 Market Driver Relevance Analysis (Current & Future Impact)
- Figure 9 Market Restraint Relevance Analysis (Current & Future Impact)
- Figure 10 Penetration & Growth Prospect Mapping
- Figure 11 SWOT Analysis, By Factor (Political & Legal, Economic and Technological)
- Figure 12 Porter's Five Forces Analysis
- Figure 13 Global Rat Model Market, for, Type 2018 - 2030 (USD Million)
- Figure 14 Global Rat Model Market, for, Technology 2018 - 2030 (USD Million)
- Figure 15 Global Rat Model Market, for, Service 2018 - 2030 (USD Million)
- Figure 16 Global Rat Model Market, for, Application 2018 - 2030 (USD Million)
- Figure 17 Global Rat Model Market, for, End-use 2018 - 2030 (USD Million)
- Figure 18 Regional Marketplace: Key Takeaways
- Figure 19 Regional Outlook, 2021 & 2030
- Figure 20 North America Rat Model Market, 2018 - 2030 (USD Million)
- Figure 21 U.S. Rat Model Market, 2018 - 2030 (USD Million)
- Figure 22 Canada Rat Model Market, 2018 - 2030 (USD Million)
- Figure 23 Europe Rat Model Market, 2018 - 2030 (USD Million)
- Figure 24 Germany Rat Model Market, 2018 - 2030 (USD Million)
- Figure 25 U.K. Rat Model Market, 2018 - 2030 (USD Million)
- Figure 26 France Rat Model Market, 2018 - 2030 (USD Million)
- Figure 27 Italy Rat Model Market, 2018 - 2030 (USD Million)
- Figure 28 Spain Rat Model Market, 2018 - 2030 (USD Million)
- Figure 29 Asia Pacific Rat Model Market, 2018 - 2030 (USD Million)
- Figure 30 China Rat Model Market, 2018 - 2030 (USD Million)
- Figure 31 Japan Rat Model Market, 2018 - 2030 (USD Million)
- Figure 32 India Rat Model Market, 2018 - 2030 (USD Million)
- Figure 33 South Korea Rat Model Market, 2018 - 2030 (USD Million)
- Figure 34 Australia Rat Model Market, 2018 - 2030 (USD Million)
- Figure 35 Latin America Rat Model Market, 2018 - 2030 (USD Million)

Figure 36 Brazil Rat Model Market, 2018 - 2030 (USD Million)

Figure 37 Mexico Rat Model Market, 2018 - 2030 (USD Million)

Figure 38 Middle East and Africa Rat Model Market, 2018 - 2030 (USD Million)

Figure 39 South Africa Rat Model Market, 2018 - 2030 (USD Million)

Figure 40 UAE Rat Model Market, 2018 - 2030 (USD Million)

Figure 41 Saudi Arabia Rat Model Market, 2018 - 2030 (USD Million)

I would like to order

Product name: Rat Model Market Size, Share & Trends Analysis Report By Type (Outbred, Knockout), By Technology (Embryonic Stem Cell, Microinjection), By Service, By Application, By End-use, By Region, And Segment Forecasts, 2022 - 2030

Product link: <https://marketpublishers.com/r/R7D94B4802BEN.html>

Price: US\$ 5,950.00 (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/R7D94B4802BEN.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