

# **Global Non-Animal Alternative Testing Market Size study, By Technology (Cell Culture, High Throughput, Molecular Imaging, OMIC Technology) By Method (Cellular Assay, Biochemical Assay, In-silico, Ex-vivo), End User (Pharmaceutical Industry, Cosmetics & Household Products, Diagnostics, Chemicals Industry, Food Industry) and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Non-Animal Alternative Testing Market is valued approximately USD 9.8 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 13.50% over the forecast period 2022-2028. Non-Animal Alternative Testing is a testing procedure that does not utilize animals to establish safety requirements for products such as pharmaceuticals and cosmetics. Drugs and cosmetics are tested using non-animal alternatives some of the methodologies utilized include organs-on-chip, in-vitro testing, and in-silico testing. The rising prevalence of chronic diseases and increase in usage of organs-on-chip technology as well as Strategic initiatives from leading market players are key factors accelerating the growth of the Market. According to – National Health Council USA – as of 2020, around 40 million American citizens are limited in their usual activities due to one or more chronic health conditions. In addition, around 133 million U.S. citizens are affected by chronic diseases, representing more than 40% of the total population of the country. Moreover, authorities across the globe are approving non-animal testing methods, this factor would influence the growth of the market during the forecast period. For instance, in 2021, the Organisation for economic co-operation and development approved their first overall testing strategy to predict skin allergic reactions without the application of animal testing. Also, increasing favorable initiatives from

authorities to ban the usage of animals in drug testing and growing advancements in In-vitro testing would create lucrative opportunities for the Market during the forecast period. However, a lack of awareness impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Non-Animal Alternative Testing Market study includes Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading region due to factors such as the rising incidence of chronic diseases as well as the presence of leading market players in the region. Whereas the Asia-Pacific market is anticipated to be the fastest growing region due to the rising ban on using animals in pre-clinical testing. In addition, leading market players are now investing in the introduction of new products in the region to support the development of research facilities and activities. In the coming years, these factors are projected to fuel the market expansion for non-animal alternative testing.

Major market player included in this report are:

VITROCELL Systems GmbH

Evotec SE

Biovit

MB Research Laboratories

Emulate, Inc.

TARA Biosystems, Inc.

Bio-Rad Laboratories, Inc.

Abbott

Hurel Corporation

TissUse GmbH

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 Technology:

Cell Culture

High Throughput

Molecular Imaging

OMIC Technology

By Method:

Cellular Assay

Biochemical Assay

In-silico

Ex-vivo

By End User:

Pharmaceutical Industry

Cosmetics & Household Products

Diagnostics

Chemicals Industry

Food Industry

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:

*Global Non-Animal Alternative Testing Market Size study, By Technology (Cell Culture, High Throughput, Molecul...*

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Non-Animal Alternative Testing 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

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