

Global In Vitro Toxicology Testing Market Size study & Forecast, by Technology (Cell Culture, High Throughput Molecular Imaging, OMICS Technology), By Application (Dermal Toxicity, Endocrine Disruption, Occular Toxicity Others) By End-use (Diagnostics, Chemical Industry, Food Industry, Pharmaceutical Industry, Cosmetic & Household Products, Others), and Regional Analysis, 2022-2029

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Abstracts

Global In Vitro Toxicology Testing Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2029. In Vitro Toxicology Testing is used to test hazardous compounds on an organism that has been isolated. It is majorly used to identify or detect the toxicity and effects of harmful chemicals in products such as cosmetics, additives, medications, and so on. It can be used to measure drug absorption, metabolism, excretion, dosage response, threshold response, and so on. The In Vitro Toxicology Testing market is expanding because of factors such as rising government focus on toxicology research, stringent laws, and opposition to animal testing.

According to the CSIR Indian Institute of Toxicology Research in 2020, the Indian government is more aware of the research and development activities in toxicology. It includes government funding and various programs such as In vitro evolution of mRNA cleaving deoxyribozymes: analysis of anticancer activity and modifications of evolved DNzyme/s for higher efficacy in vitro and in vivo by Dept of Biotechnology, New Delhi. Whereas the rising awareness towards testing across end-user industries and growing technological advancement in bacterial testing are creating lucrative opportunities for

the market. However, the lack of in vitro models hampers the market growth in the forecast period.

The key regions considered for the Global In Vitro Toxicology Testing Market study includes Asia Pacific, North America, Europe, Latin America, and the Rest of the World. The Asia Pacific dominated the market in terms of revenue, owing to the rising consumer awareness towards product safety, emergences of CRO, and so on. Whereas the Asia Pacific is expected to grow with the highest CAGR during the forecast period, owing to factors such as the rising pharmaceutical drug pipeline and opposition to animal testing which pushes the adoption of other substitutes.

Major market player included in this report are:

Merck KGaA

Charles River Laboratories

Bio-Rad Laboratories, Inc.

Abbott

Thermo Fisher Scientific Inc.

Catalent, Inc.

GE Healthcare

Quest Diagnostics Incorporated

Eurofins Scientific

Laboratory Corporation of America Holdings

Recent Developments in the Market:

In October 2018, SGS SA has launched new in-vitro testing which has the development capabilities of present cells/tissues and flows cytometry mass spectrometry facilities, equipped with high throughput screening, multiplexing technologies, automation and so on.

In August 2019, Abbott signed an agreement with Intoximeters in which Intoximeters received exclusive distribution rights to Abbott's SoToxa Mobile Test System, a handheld oral fluid solution for drug and alcohol testing in the United States, Methamphetamine, benzodiazepines, amphetamine, cocaine, cannabis (THC), and opiates can all be tested using this product.

Global In Vitro Toxicology Testing Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Technology, Application, End-use, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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

OMICS Technology

By Application:

Dermal Toxicity

Endocrine Disruption

Ocular Toxicity

Others

By End-use:

Diagnostics

Chemical Industry

Food Industry

Pharmaceutical Industry,

Cosmetic & Household Products,

Others

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

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