

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
- Occular 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

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. In Vitro Toxicology Testing Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. In Vitro Toxicology Testing Market, by Technology, 2019-2029 (USD Billion)
 - 1.2.3. In Vitro Toxicology Testing Market, by Application, 2019-2029 (USD Billion)
 - 1.2.4. In Vitro Toxicology Testing Market, by End-use 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL IN VITRO TOXICOLOGY TESTING MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL IN VITRO TOXICOLOGY TESTING MARKET DYNAMICS

- 3.1. In Vitro Toxicology Testing Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising government focus on toxicology research
 - 3.1.1.2. Stringent laws and opposition to animal testing
 - 3.1.2. Market Challenges
 - 3.1.2.1. Lack of in vitro models
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising awareness towards testing across end-use industries
 - 3.1.3.2. Growing technological advancement in bacterial testing

CHAPTER 4. GLOBAL IN VITRO TOXICOLOGY TESTING 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
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL IN VITRO TOXICOLOGY TESTING MARKET, BY TECHNOLOGY

- 6.1. Market Snapshot
- 6.2. Global In Vitro Toxicology Testing Market by Technology, Performance - Potential Analysis
- 6.3. Global In Vitro Toxicology Testing Market Estimates & Forecasts by Technology 2019-2029 (USD Billion)
- 6.4. In Vitro Toxicology Testing Market, Sub Segment Analysis
 - 6.4.1. Cell Culture
 - 6.4.2. High Throughput
 - 6.4.3. Molecular Imaging
 - 6.4.4. OMICS Technology

CHAPTER 7. GLOBAL IN VITRO TOXICOLOGY TESTING MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global In Vitro Toxicology Testing Market by Application, Performance - Potential Analysis
- 7.3. Global In Vitro Toxicology Testing Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 7.4. In Vitro Toxicology Testing Market, Sub Segment Analysis
 - 7.4.1. Dermal Toxicity
 - 7.4.2. Endocrine Disruption
 - 7.4.3. Occular Toxicity
 - 7.4.4. Others

CHAPTER 8. GLOBAL IN VITRO TOXICOLOGY TESTING MARKET, BY END-USE

- 8.1. Market Snapshot
- 8.2. Global In Vitro Toxicology Testing Market by End-use Performance - Potential Analysis
- 8.3. Global In Vitro Toxicology Testing Market Estimates & Forecasts by End-Use 2019-2029 (USD Billion)
- 8.4. In Vitro Toxicology Testing Market, Sub Segment Analysis
 - 8.4.1. Diagnostics
 - 8.4.2. Chemical Industry
 - 8.4.3. Food Industry
 - 8.4.4. Pharmaceutical Industry,
 - 8.4.5. Cosmetic & Household Products,
 - 8.4.6. Others

CHAPTER 9. GLOBAL IN VITRO TOXICOLOGY TESTING MARKET, REGIONAL ANALYSIS

- 9.1. In Vitro Toxicology Testing Market, Regional Market Snapshot
- 9.2. North America In Vitro Toxicology Testing Market
 - 9.2.1. U.S. In Vitro Toxicology Testing Market
 - 9.2.1.1. Test breakdown estimates & forecasts, 2019-2029
 - 9.2.1.2. Application breakdown estimates & forecasts, 2019-2029
 - 9.2.1.3. End-use breakdown estimates & forecasts, 2019-2029
 - 9.2.2. Canada In Vitro Toxicology Testing Market
- 9.3. Europe In Vitro Toxicology Testing Market Snapshot
 - 9.3.1. U.K. In Vitro Toxicology Testing Market
 - 9.3.2. Germany In Vitro Toxicology Testing Market

- 9.3.3. France In Vitro Toxicology Testing Market
- 9.3.4. Spain In Vitro Toxicology Testing Market
- 9.3.5. Italy In Vitro Toxicology Testing Market
- 9.3.6. Rest of Europe In Vitro Toxicology Testing Market
- 9.4. Asia-Pacific In Vitro Toxicology Testing Market Snapshot
 - 9.4.1. China In Vitro Toxicology Testing Market
 - 9.4.2. India In Vitro Toxicology Testing Market
 - 9.4.3. Japan In Vitro Toxicology Testing Market
 - 9.4.4. Australia In Vitro Toxicology Testing Market
 - 9.4.5. South Korea In Vitro Toxicology Testing Market
 - 9.4.6. Rest of Asia Pacific In Vitro Toxicology Testing Market
- 9.5. Latin America In Vitro Toxicology Testing Market Snapshot
 - 9.5.1. Brazil In Vitro Toxicology Testing Market
 - 9.5.2. Mexico In Vitro Toxicology Testing Market
- 9.6. Rest of The World In Vitro Toxicology Testing Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Merck KGaA
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Charles River Laboratories
 - 10.2.3. Bio-Rad Laboratories, Inc.
 - 10.2.4. Abbott
 - 10.2.5. Thermo Fisher Scientific Inc.
 - 10.2.6. Catalent, Inc.
 - 10.2.7. GE Healthcare
 - 10.2.8. Quest Diagnostics Incorporated
 - 10.2.9. Eurofins Scientific
 - 10.2.10. Laboratory Corporation of America Holdings

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process

- 11.1.1. Data Mining
- 11.1.2. Analysis
- 11.1.3. Market Estimation
- 11.1.4. Validation
- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global In Vitro Toxicology Testing Market, report scope

TABLE 2. Global In Vitro Toxicology Testing Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global In Vitro Toxicology Testing Market estimates & forecasts by Technology 2019-2029 (USD Billion)

TABLE 4. Global In Vitro Toxicology Testing Market estimates & forecasts by Application 2019-2029 (USD Billion)

TABLE 5. Global In Vitro Toxicology Testing Market estimates & forecasts by End-use 2019-2029 (USD Billion)

TABLE 6. Global In Vitro Toxicology Testing Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global In Vitro Toxicology Testing Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global In Vitro Toxicology Testing Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global In Vitro Toxicology Testing Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global In Vitro Toxicology Testing Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global In Vitro Toxicology Testing Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global In Vitro Toxicology Testing Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global In Vitro Toxicology Testing Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global In Vitro Toxicology Testing Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. Global In Vitro Toxicology Testing Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 17. U.S. In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. U.S. In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

- TABLE 19. Canada In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 20. Canada In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 21. Canada In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 22. UK In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 23. UK In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 24. UK In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 25. Germany In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 26. Germany In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 27. Germany In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 28. France In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 29. France In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 30. France In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 31. Italy In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 32. Italy In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 33. Italy In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 34. Spain In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 35. Spain In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 36. Spain In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)
- TABLE 37. RoE In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)
- TABLE 38. RoE In Vitro Toxicology Testing Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. RoE In Vitro Toxicology Testing Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 40. China In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 41. China In Vitro Toxicology Testing Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 42. China In Vitro Toxicology Testing Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 43. India In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 44. India In Vitro Toxicology Testing Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 45. India In Vitro Toxicology Testing Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 46. Japan In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 47. Japan In Vitro Toxicology Testing Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 48. Japan In Vitro Toxicology Testing Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 49. South Korea In Vitro Toxicology Testing Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 50. South Korea In Vitro Toxicology Testing Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 51. South Korea In Vitro Toxicology Testing Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 52. Australia In Vitro Toxicology Testing Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 53. Australia In Vitro Toxicology Testing Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 54. Australia In Vitro Toxicology Testing Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 55. RoAPAC In Vitro Toxicology Testing Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 56. RoAPAC In Vitro Toxicology Testing Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 57. RoAPAC In Vitro Toxicology Testing Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 58. Brazil In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 59. Brazil In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Brazil In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Mexico In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 62. Mexico In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. Mexico In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. RoLA In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 65. RoLA In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. RoLA In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row In Vitro Toxicology Testing Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 68. Row In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. Row In Vitro Toxicology Testing Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global In Vitro Toxicology Testing Market

TABLE 71. List of primary sources, used in the study of global In Vitro Toxicology Testing Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global In Vitro Toxicology Testing Market, research methodology
- FIG 2. Global In Vitro Toxicology Testing Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global In Vitro Toxicology Testing Market, key trends 2021
- FIG 5. Global In Vitro Toxicology Testing Market, growth prospects 2022-2029
- FIG 6. Global In Vitro Toxicology Testing Market, porters 5 force model
- FIG 7. Global In Vitro Toxicology Testing Market, pest analysis
- FIG 8. Global In Vitro Toxicology Testing Market, value chain analysis
- FIG 9. Global In Vitro Toxicology Testing Market by segment, 2019 & 2029 (USD Billion)
- FIG 10. Global In Vitro Toxicology Testing Market by segment, 2019 & 2029 (USD Billion)
- FIG 11. Global In Vitro Toxicology Testing Market by segment, 2019 & 2029 (USD Billion)
- FIG 12. Global In Vitro Toxicology Testing Market by segment, 2019 & 2029 (USD Billion)
- FIG 13. Global In Vitro Toxicology Testing Market by segment, 2019 & 2029 (USD Billion)
- FIG 14. Global In Vitro Toxicology Testing Market, regional snapshot 2019 & 2029
- FIG 15. North America In Vitro Toxicology Testing Market 2019 & 2029 (USD Billion)
- FIG 16. Europe In Vitro Toxicology Testing Market 2019 & 2029 (USD Billion)
- FIG 17. Asia pacific In Vitro Toxicology Testing Market 2019 & 2029 (USD Billion)
- FIG 18. Latin America In Vitro Toxicology Testing Market 2019 & 2029 (USD Billion)
- FIG 19. Global In Vitro Toxicology Testing Market, company Market share analysis (2021)

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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