

# **ADME Toxicology Testing Market Size, Trends, Analysis, and Outlook By Technology (Cell Culture, High Throughput, Molecular Imaging, OMICS Technology), By Application (Systemic Toxicity, Renal Toxicity, Hepatotoxicity, Neurotoxicity, Others), By Method (Cellular Assay, Biochemical Assay, In-Silica, Ex-vivo), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global ADME Toxicology Testing market size is poised to register 10.88% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global ADME Toxicology Testing market across By Technology (Cell Culture, High Throughput, Molecular Imaging, OMICS Technology), By Application (Systemic Toxicity, Renal Toxicity, Hepatotoxicity, Neurotoxicity, Others), By Method (Cellular Assay, Biochemical Assay, In-Silica, Ex-vivo).

The ADME Toxicology Testing Market is influenced by regulatory mandates, technological advancements, and pharmaceutical industry trends. Absorption, distribution, metabolism, and excretion (ADME) studies play a crucial role in drug development by assessing the pharmacokinetic properties and safety profiles of candidate compounds. Key trends include the adoption of in vitro and in silico models for predictive toxicology, high-throughput screening platforms, and integrated data analytics solutions. Furthermore, there is increasing emphasis on regulatory compliance, including the implementation of alternative testing methods and the use of mechanistic toxicology approaches to enhance the predictivity and reliability of ADME

assessments. Additionally, partnerships between pharmaceutical companies, contract research organizations (CROs), and academic institutions are fostering collaborative research initiatives and knowledge sharing to accelerate drug discovery and development processes while ensuring patient safety and regulatory compliance.

## ADME Toxicology Testing 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 ADME Toxicology Testing market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of ADME Toxicology Testing 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 ADME Toxicology Testing industry.

## Key market trends defining the global ADME Toxicology Testing 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.

## ADME Toxicology Testing Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The ADME Toxicology Testing 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 ADME Toxicology Testing companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the ADME Toxicology Testing industry

Leading ADME Toxicology Testing 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 ADME Toxicology Testing companies.

### ADME Toxicology Testing Market Study- Strategic Analysis Review

The ADME Toxicology Testing 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.

### ADME Toxicology Testing Market Size Outlook- Historic and Forecast Revenue in Three Cases

The ADME Toxicology Testing 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.

### ADME Toxicology Testing 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 ADME Toxicology Testing 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 ADME Toxicology Testing market segments. Similarly, Strong end-user demand is encouraging Canadian ADME Toxicology Testing companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico ADME Toxicology Testing market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe ADME Toxicology Testing Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European ADME Toxicology Testing 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 ADME Toxicology Testing 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 ADME Toxicology Testing 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 ADME Toxicology Testing in Asia Pacific. In particular, China, India, and South East Asian ADME Toxicology Testing 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 ADME Toxicology Testing 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 ADME Toxicology Testing 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 ADME Toxicology Testing market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for ADME Toxicology Testing.

ADME Toxicology Testing Market Company Profiles

The global ADME Toxicology Testing 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 Agilent Technologies Inc, Beckman Coulter Inc, Catalent Inc, Charles River Laboratories, Curia Global Inc, Dassault Systèmes, Eurofins Scientific, GE HealthCare, IQVIA Inc, Labcorp Drug Development, Miltenyi Biotec, Promega Corp, Thermo Fisher Scientific Inc

Recent ADME Toxicology Testing Market Developments

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

ADME Toxicology Testing 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 Technology

Cell Culture

High Throughput

Molecular Imaging

OMICS Technology

By Application

Systemic Toxicity

Renal Toxicity

Hepatotoxicity

Neurotoxicity

Others

By Method

Cellular Assay

Biochemical Assay

In-Silica

Ex-vivo

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Agilent Technologies Inc

Beckman Coulter Inc

Catalent Inc

Charles River Laboratories

Curia Global Inc

Dassault Syst?mes

Eurofins Scientific

GE HealthCare

IQVIA Inc

Labcorp Drug Development

Miltenyi Biotec

Promega Corp

Thermo Fisher Scientific Inc

Formats Available: Excel, PDF, and PPT



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    - High Throughput

Molecular Imaging

OMICS Technology

By Application

Systemic Toxicity

Renal Toxicity

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Others

By Method

Cellular Assay

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  - Promega Corp
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