

In Vitro Toxicology Testing - Global Market Outlook (2016-2022)

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Abstracts

According to Statistics MRC, the Global In Vitro Toxicology Testing Market is accounted for \$12.30 billion in 2015 and is expected to reach \$32.45 billion by 2022 growing at a CAGR of 14.8% during the forecast period. Factors such as technological advancements and increasing government funding are fueling the market growth. However, strict regulations and predictive ability of in vitro testing over in vivo testing are hampering the market. Growing drug discovery and innovation in the market provides ample of opportunities for players in the market.

Cellular assay segment dominated the global market with largest share due to wider availability of these techniques for pharmacokinetic profiling along with the presence of significant number of market entities operating in the field of biotechnology. North America dominated the market with more than 35% of the global share owing to encouraging government incentives for laboratory expansion in the region.

Some of the key players in the market include Thermo Fisher Scientific, Covance Inc., Alere Inc., Catalent Pharma Solutions, Inc., Life Technologies, General Electric Company, Sigma-Aldrich Corporation, Agilent Technologies, Inc., Bioreliance, Inc. (A Subsidiary of Merck Kgaa), Quest Diagnostics Incorporated, Charles River Laboratories International, Inc., Accelrys, Eurofins Scientific Se, Bio-Rad Laboratories, Inc. and Cyprotex.

Types Covered:

Toxic Substance

Dose

Threshold Response

Dose Response

Absorption, Distribution, Metabolism , and Excretion (ADME)

Technologies Covered:

Cell Culture Technology

Molecular Imaging Technologies

OMICS Technologies

Metabolomics

Genomics

Transcriptomics

Toxicogenomics

Proteomics

High-throughput Technologies

Methods Covered:

Cellular Assays

In Silico Method

Ex Vivo Models

Biochemical Assays

Other Methods

End Users Covered:

Pharmaceutical Industry

Chemical Industry

Diagnostics

Oral Fluid Screening

Urine Screening

Hair Screening

Alcohol Screening

Other Diagnostics

Cosmetics & Household Products

Food Industry

Products Covered:

Reagents & Labware

Assays

Receptor Binding Assays

Bacterial Toxicity Assays

Cell-Based ELISA and Western Blots

Tissue Culture Assays

Enzyme Toxicity Assays

Other Assays

Toxicity Endpoints & Tests Covered:

Ocular Toxicity

Systemic Toxicity

Organ Toxicity

Skin Sensitization & Irritation

Carcinogenicity

Neurotoxicity

Dermal Toxicity

Genotoxicity

Other Toxicity Endpoints & Tests

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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