

Dermal Toxicity Testing Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Test Type (Skin Irritation Tests, Skin Sensitization Tests), By Testing Method Type (In Vivo Testing (Animal-Based Tests) and In Vitro Testing (Cell-Based or Tissue-Based Tests), By End User (Pharmaceuticals industries, Cosmetics and personal care products industry, Chemical Industry and Other), By Region, By Competition

<https://marketpublishers.com/r/D7372911BC4EEN.html>

Date: October 2023

Pages: 176

Price: US\$ 4,900.00 (Single User License)

ID: D7372911BC4EEN

Abstracts

The Global Dermal Toxicity Testing Market achieved a valuation of USD 1.81 Billion in 2022, and it is poised for robust growth in the forecast period, with a projected Compound Annual Growth Rate (CAGR) of 8.17% and is expected to reach USD 2.88 Billion by 2028. Dermal toxicity testing is a comprehensive procedure aimed at evaluating the adverse effects of substances on human skin. This process involves subjecting test substances to various protocols, ranging from traditional animal-based methods to innovative in vitro models that replicate human skin characteristics. Its primary objective is to identify any irritations, allergic reactions, sensitizations, or systemic toxicities that might arise from dermal exposure. The field of dermal toxicity testing has witnessed significant progress, transitioning from reliance on animal testing to more advanced and humane methods. In vitro models, 3D skin equivalents, and microfluidic platforms are revolutionizing the accuracy and efficiency of testing.

Key Market Drivers:

1. Industry-Specific Demands: Industry-specific demands have a significant impact on

influencing the growth of the global dermal toxicity testing market. Dermal toxicity testing is crucial for product safety evaluation, particularly in industries such as cosmetics, pharmaceuticals, chemicals, and consumer goods. Different industries adhere to distinct regulations and guidelines governing product safety and testing. For example, the cosmetics industry must comply with regulations set by authorities like the U.S. FDA or the European Medicines Agency (EMA). These regulations often mandate thorough dermal toxicity testing to ensure ingredient safety in products. As regulatory requirements evolve, industries are compelled to adopt advanced testing methods, driving market growth. The cosmetics industry places high importance on dermal toxicity testing to ensure that skincare products, makeup, and personal care items do not cause adverse skin reactions. With increasing consumer demand for natural and organic products, the need for thorough testing to verify product safety has grown, fueling demand for innovative dermal toxicity testing methods. In the pharmaceutical sector, dermal toxicity testing is essential for assessing the safety of transdermal drug delivery systems, such as patches and creams. As pharmaceutical companies develop new drugs and delivery mechanisms, they require advanced testing methodologies to gain insights into how these substances interact with the skin, contributing to market growth. Industries dealing with chemicals, including industrial, agricultural, and household chemicals, must ensure the safety of their products to protect workers and consumers. Dermal toxicity testing is crucial in determining potential risks associated with skin exposure. As awareness of workplace safety and consumer health increases, companies in these sectors are likely to invest in more comprehensive testing methods, contributing to market growth.

2. Transition to Non-Animal Testing Methods: The shift towards non-animal testing methods significantly influences the growth of the global dermal toxicity testing market. Concerns about animal welfare, regulatory changes, and technological advancements are driving the adoption of alternative testing methods, reshaping the market's growth trajectory. Many regulatory bodies worldwide are increasingly advocating for and even mandating the use of non-animal testing methods in safety assessments. For example, the European Union's REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) regulation promotes alternative methods to animal testing for chemical safety evaluations. Regulatory authorities recognizing and endorsing non-animal methods motivate companies to adopt these methods to remain compliant, leading to market growth. The use of animals for testing raises ethical issues and can negatively impact a company's reputation. As public awareness of animal welfare grows, consumers and stakeholders may favor companies that employ cruelty-free testing methods, potentially boosting market growth. Non-animal testing methods, such as in vitro techniques, reconstructed human skin models, and computational modeling, have

improved in accuracy and reliability, making them viable alternatives to traditional animal testing. As the scientific community develops and validates these methods, industries seeking more predictive and efficient testing are inclined to adopt them, contributing to market expansion. The shift toward non-animal testing methods encourages research and innovation in the field of toxicology, including the development of novel techniques and improved models. Industries that prioritize innovation and staying at the forefront of scientific advancements are likely to invest in these methods, fostering market growth.

3. **Technological Innovations:** Technological innovations play a pivotal role in influencing the growth of the global dermal toxicity testing market. As advancements in technology offer more accurate, efficient, and cost-effective testing methods, industries and regulatory bodies are increasingly adopting these innovations to ensure product safety. Technological advancements have led to the development of sophisticated in vitro testing methods using human-derived cells, tissues, and 3D models that accurately simulate skin reactions. In vitro testing offers a more relevant and reliable representation of human responses compared to traditional animal testing, contributing to its adoption by industries seeking accurate toxicity assessments. Microfluidics and organ-on-a-chip technologies enable the creation of miniaturized devices that mimic the structure and function of human organs, including the skin. These models provide a controlled environment to study cellular responses to substances, offer real-time insights into toxicity, and simulate substance-skin interactions, aiding hazard identification and market growth. High-throughput screening (HTS) technologies allow for the rapid testing of numerous substances simultaneously, accelerating the screening process and enabling early identification of potential hazards. Industries can use HTS to reduce costs and time-to-market, contributing to market expansion. Computational modeling and artificial intelligence (AI) techniques enable the prediction of dermal toxicity based on molecular structures and interactions, enhancing predictive capabilities and reducing the need for extensive lab testing, fostering market growth.

4. **Public Awareness and Brand Reputation:** Public awareness and brand reputation exert significant influence on the growth of the global dermal toxicity testing market. As consumers become increasingly conscious of product safety and ethical considerations, and as brands strive to maintain positive reputations, the demand for comprehensive dermal toxicity testing rises. In today's socially conscious world, consumers are increasingly concerned about ethical practices, including animal welfare and environmental impact. Brands that prioritize non-animal testing methods and demonstrate a commitment to ethical product development are likely to resonate with these consumers, driving demand for comprehensive dermal toxicity testing. Public

awareness of potential health risks associated with products has led consumers to demand safer and more transparent formulations. Brands that conduct thorough dermal toxicity testing to ensure product safety can build trust with consumers. By addressing consumer safety concerns through rigorous testing and accurate labeling, brands can enhance their reputation and foster customer loyalty.

Key Market Challenges:

1. **Validation of Alternative Methods:** The validation of alternative methods can pose challenges and potentially hinder the growth of the global dermal toxicity testing market. While alternative methods are sought after due to their ethical considerations and scientific advancements, their validation process can be complex and time-consuming. The validation of alternative methods requires extensive research, data collection, and comparison to established reference methods, often including animal testing benchmarks. This process can be time-consuming and resource-intensive, slowing down the adoption of these methods and potentially hindering market growth.

2. **Standardization Issues:** The lack of standardized protocols in dermal toxicity testing can lead to inconsistent and variable test results, making it difficult to compare findings between different studies or laboratories. Such inconsistencies can undermine confidence in the reliability of test methods and hinder market growth. Regulatory agencies often require standardized testing protocols to ensure the validity and reproducibility of results. The absence of standardized methods can complicate the process of obtaining regulatory approvals for products, as agencies might be hesitant to accept data generated from non-standardized approaches. In the absence of standardized procedures, different laboratories might produce different results when testing the same substance, causing variability that can raise concerns among industries.

Key Market Trends:

1. **Advanced In Vitro Models:** Advanced in vitro models that closely replicate human skin physiology are gaining prominence in the dermal toxicity testing market. These models accurately simulate skin barrier function, cellular interactions, and complex biological processes, providing more reliable insights into how substances interact with human skin. The use of animals for testing raises ethical concerns, and industries are increasingly turning to non-animal methods. Advanced in vitro models offer an ethical alternative by eliminating the need for animal testing while still providing scientifically

meaningful results. Regulatory bodies are recognizing the value of these models, leading to increased regulatory acceptance and adoption in fulfilling safety assessment requirements. In vitro models offer quicker results compared to animal testing, allowing industries to streamline their testing processes and reduce time-to-market. Their ability to test multiple substances simultaneously enhances efficiency, making them attractive to industries seeking accurate and efficient toxicity assessments.

2. High-Throughput Screening (HTS): High-throughput screening, which enables the simultaneous testing of multiple compounds, is gaining traction in the dermal toxicity testing market. HTS is particularly valuable in industries with high product turnover rates, as it accelerates the testing process, reduces time-to-market for new products, and optimizes resource utilization. Traditional toxicity testing methods can be time-consuming and expensive, making HTS an appealing option for cost-effective testing. HTS generates a large amount of data quickly, providing comprehensive insights into potential toxicity and enhancing the depth of analysis. It allows early detection of toxicity issues, reducing the risk of costly recalls or safety problems after a product's launch. HTS can encompass a wide range of toxicity endpoints, including skin irritation and sensitization, making it valuable for industries seeking comprehensive safety evaluations.

Segmental Insights:

1. Testing Method Type Insights: In Vitro Testing is expected to witness substantial market growth throughout the forecast period. In vitro models closely mimic human skin in terms of structure and function, resulting in more accurate toxicity assessments. The adoption of in vitro methods significantly reduces the reliance on traditional animal testing, aligning with ethical considerations and the broader trend of minimizing animal usage in scientific research. Regulatory agencies worldwide are increasingly acknowledging the value of in vitro testing methods, streamlining approval processes and facilitating market access. In vitro-based testing methods often offer faster results compared to animal testing, allowing for quicker decision-making in product development.

2. End Use Insights: The Cosmetics and personal care products industry segment has been the dominant force in the market. The industry's commitment to safety is driving the expansion of the dermal toxicity testing market. Companies investing in these testing methodologies contribute to and benefit from this growth. The industry's drive for innovation fosters research and development in dermal toxicity testing methods, leading to the evolution of more advanced and accurate testing technologies. Companies that

prioritize rigorous dermal toxicity testing can build a strong brand reputation rooted in safety and transparency, fostering consumer loyalty and trust.

Regional Insights:

North America, specifically the United States and Canada, dominated the market in 2022. The region boasts robust research infrastructure, facilitating the development and validation of innovative dermal toxicity testing methods. Major pharmaceutical and cosmetics industries in North America drive the demand for thorough dermal toxicity testing, as they prioritize safety assessments to meet regulatory requirements and consumer expectations. The presence of these industries fuels the adoption of advanced technologies, and companies and institutions in North America invest heavily in research and development. This investment supports the creation and validation of cutting-edge dermal toxicity testing methods. The availability of resources and funding further facilitates the growth and adoption of new technologies in the region. The competitive nature of industries like cosmetics, pharmaceuticals, and chemicals in North America drives companies to adopt innovative approaches, including advanced dermal toxicity testing methods, to ensure product safety and efficacy. The region also benefits from collaborative networks between academic institutions, research organizations, and industry players, facilitating knowledge sharing, research partnerships, and the development of standardized testing methods.

Key Market Players

SGS S.A..

Covance, Inc

Bio-Rad Laboratories Inc.

Qiagen N.V.

GE Healthcare

Eurofins Scientific Inc

Merck KgaA

Thermo Fisher Scientific, Inc.

Charles River Laboratories International, Inc.

Catalent, Inc.

Report Scope:

In this report, the Global Dermal Toxicity Testing Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Dermal Toxicity Testing Market, By Test Type:

Skin Irritation Tests

Skin Sensitization Tests

Dermal Toxicity Testing Market, By Testing Method Type:

In Vivo Testing (Animal-Based Tests)

In Vitro Testing (Cell-Based or Tissue-Based Tests)

Dermal Toxicity Testing Market, By End User:

Pharmaceuticals industries

Cosmetics and personal care products industry

Chemical Industry

Other

Dermal Toxicity Testing Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Turkey

Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Dermal Toxicity Testing Market.

Available Customizations:

Global Dermal Toxicity Testing market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. GLOBAL DERMAL TOXICITY TESTING MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Test Type (Skin Irritation Tests, Skin Sensitization Tests)
 - 5.2.2. By Testing Method Type (In Vivo Testing (Animal-Based Tests) and In Vitro Testing (Cell-Based or Tissue-Based Tests))

5.2.3. By End User (Pharmaceuticals industries, Cosmetics and personal care products industry, Chemical Industry and Other)

5.2.4. By Region (North America, Europe, Asia Pacific, South America, Middle East & Africa)

5.2.5. By Company (2022)

5.3. Market Map

5.3.1 By Test Type

5.3.2 By Testing Method Type

5.3.3 By End User

5.3.4 By Region

6. NORTH AMERICA DERMAL TOXICITY TESTING MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Test Type (Skin Irritation Tests, Skin Sensitization Tests)

6.2.2. By Testing Method Type (In Vivo Testing (Animal-Based Tests) and In Vitro Testing (Cell-Based or Tissue-Based Tests))

6.2.3. By End User (Pharmaceuticals industries, Cosmetics and personal care products industry, Chemical Industry and Other)

6.2.4. By Country

6.3. North America: Country Analysis

6.3.1. United States Dermal Toxicity Testing Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Test Type

6.3.1.2.2. By Testing Method Type

6.3.1.2.3. By End User

6.3.2. Canada Dermal Toxicity Testing Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Test Type

6.3.2.2.2. By Testing Method Type

6.3.2.2.3. By End User

6.3.3. Mexico Dermal Toxicity Testing Market Outlook

6.3.3.1. Market Size & Forecast

- 6.3.3.1.1. By Value
- 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Test Type
 - 6.3.3.2.2. By Testing Method Type
 - 6.3.3.2.3. By End User

7. EUROPE DERMAL TOXICITY TESTING MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Test Type (Skin Irritation Tests, Skin Sensitization Tests)
 - 7.2.2. By Testing Method Type (In Vivo Testing (Animal-Based Tests) and In Vitro Testing (Cell-Based or Tissue-Based Tests))
 - 7.2.3. By End User (Pharmaceuticals industries, Cosmetics and personal care products industry, Chemical Industry and Other)
 - 7.2.4. By Country
- 7.3. Europe: Country Analysis
 - 7.3.1. France Dermal Toxicity Testing Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Test Type
 - 7.3.1.2.2. By Testing Method Type
 - 7.3.1.2.3. By End User
 - 7.3.2. Germany Dermal Toxicity Testing Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Test Type
 - 7.3.2.2.2. By Testing Method Type
 - 7.3.2.2.3. By End User
 - 7.3.3. United Kingdom Dermal Toxicity Testing Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Test Type
 - 7.3.3.2.2. By Testing Method Type
 - 7.3.3.2.3. By End User

7.3.4. Italy Dermal Toxicity Testing Market Outlook

7.3.4.1. Market Size & Forecast

7.3.4.1.1. By Value

7.3.4.2. Market Share & Forecast

7.3.4.2.1. By Test Type

7.3.4.2.2. By Testing Method Type

7.3.4.2.3. By End User

7.3.5. Spain Dermal Toxicity Testing Market Outlook

7.3.5.1. Market Size & Forecast

7.3.5.1.1. By Value

7.3.5.2. Market Share & Forecast

7.3.5.2.1. By Test Type

7.3.5.2.2. By Testing Method Type

7.3.5.2.3. By End User

8. ASIA-PACIFIC DERMAL TOXICITY TESTING MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Test Type (Skin Irritation Tests, Skin Sensitization Tests)

8.2.2. By Testing Method Type (In Vivo Testing (Animal-Based Tests) and In Vitro Testing (Cell-Based or Tissue-Based Tests))

8.2.3. By End User (Pharmaceuticals industries, Cosmetics and personal care products industry, Chemical Industry and Other)

8.2.4. By Country

8.3. Asia-Pacific: Country Analysis

8.3.1. China Dermal Toxicity Testing Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Test Type

8.3.1.2.2. By Testing Method Type

8.3.1.2.3. By End User

8.3.2. India Dermal Toxicity Testing Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Test Type

- 8.3.2.2.2. By Testing Method Type
- 8.3.2.2.3. By End User
- 8.3.3. Japan Dermal Toxicity Testing Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Test Type
 - 8.3.3.2.2. By Testing Method Type
 - 8.3.3.2.3. By End User
- 8.3.4. South Korea Dermal Toxicity Testing Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Test Type
 - 8.3.4.2.2. By Testing Method Type
 - 8.3.4.2.3. By End User
- 8.3.5. Australia Dermal Toxicity Testing Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Test Type
 - 8.3.5.2.2. By Testing Method Type
 - 8.3.5.2.3. By End User

9. SOUTH AMERICA DERMAL TOXICITY TESTING MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Test Type (Skin Irritation Tests, Skin Sensitization Tests)
 - 9.2.2. By Testing Method Type (In Vivo Testing (Animal-Based Tests) and In Vitro Testing (Cell-Based or Tissue-Based Tests))
 - 9.2.3. By End User (Pharmaceuticals industries, Cosmetics and personal care products industry, Chemical Industry and Other)
 - 9.2.4. By Country
- 9.3. South America: Country Analysis
 - 9.3.1. Brazil Dermal Toxicity Testing Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value

- 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Test Type
 - 9.3.1.2.2. By Testing Method Type
 - 9.3.1.2.3. By End User
- 9.3.2. Argentina Dermal Toxicity Testing Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Product
 - 9.3.2.2.2. By Test Type
 - 9.3.2.2.3. By Testing Method Type
 - 9.3.2.2.4. By End User
- 9.3.3. Colombia Dermal Toxicity Testing Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Test Type
 - 9.3.3.2.2. By Testing Method Type
 - 9.3.3.2.3. By End User

10. MIDDLE EAST AND AFRICA DERMAL TOXICITY TESTING MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Test Type (Skin Irritation Tests, Skin Sensitization Tests)
 - 10.2.2. By Testing Method Type (In Vivo Testing (Animal-Based Tests) and In Vitro Testing (Cell-Based or Tissue-Based Tests))
 - 10.2.3. By End User (Pharmaceuticals industries, Cosmetics and personal care products industry, Chemical Industry and Other)
 - 10.2.4. By Country
- 10.3. MEA: Country Analysis
 - 10.3.1. South Africa Dermal Toxicity Testing Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Test Type
 - 10.3.1.2.2. By Testing Method Type
 - 10.3.1.2.3. By End User

10.3.2. Saudi Arabia Dermal Toxicity Testing Market Outlook

10.3.2.1. Market Size & Forecast

10.3.2.1.1. By Value

10.3.2.2. Market Share & Forecast

10.3.2.2.1. By Test Type

10.3.2.2.2. By Testing Method Type

10.3.2.2.3. By End User

10.3.3. UAE Dermal Toxicity Testing Market Outlook

10.3.3.1. Market Size & Forecast

10.3.3.1.1. By Value

10.3.3.2. Market Share & Forecast

10.3.3.2.1. By Test Type

10.3.3.2.2. By Testing Method Type

10.3.3.2.3. By End User

11. MARKET DYNAMICS

11.1. Drivers

11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

12.1. Recent Development

12.2. Mergers & Acquisitions

12.3. Product Launches

13. GLOBAL DERMAL TOXICITY TESTING MARKET: SWOT ANALYSIS

14. PORTER'S FIVE FORCES ANALYSIS

14.1. Competition in the Industry

14.2. Potential of New Entrants

14.3. Power of Suppliers

14.4. Power of Customers

14.5. Threat of Substitute Products

15. COMPETITIVE LANDSCAPE

- 15.1. Business Overview
- 15.2. Product Offerings
- 15.3. Recent Developments
- 15.4. Financials (As Reported)
- 15.5. Key Personnel
- 15.6. SWOT Analysis
 - 15.6.1 SGS S.A..
 - 15.6.2 Covance, Inc
 - 15.6.3 Bio-Rad Laboratories Inc.
 - 15.6.4 Qiagen N.V.
 - 15.6.5 GE Healthcare
 - 15.6.6 Eurofins Scientific Inc
 - 15.6.7 Merck KgaA
 - 15.6.8 Thermo Fisher Scientific, Inc.
 - 15.6.9 Charles River Laboratories International, Inc.
 - 15.6.10 Catalent, Inc.

16. STRATEGIC RECOMMENDATIONS

I would like to order

Product name: Dermal Toxicity Testing Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Test Type (Skin Irritation Tests, Skin Sensitization Tests), By Testing Method Type (In Vivo Testing (Animal-Based Tests) and In Vitro Testing (Cell-Based or Tissue-Based Tests), By End User (Pharmaceuticals industries, Cosmetics and personal care products industry, Chemical Industry and Other), By Region, By Competition

Product link: <https://marketpublishers.com/r/D7372911BC4EEN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/D7372911BC4EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970