

Therapeutic Drug Monitoring Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Technology(Immunoassays, Proteomic Technologies), By Drug Class(Antiarrhythmic Drugs, Immunosuppressants, Antiepileptic Drugs, Others), By Active Ingredient (Amikacin, Caffeine, Carbamazepine, Cyclosporine, Digitoxin, Digoxin, Disopyramide, Ethosuxamide, Gentamicin, Lidocaine, Lithium, Methotrexate, NAPA, Phenobarbital, Quinidine, Sirolimus, Tacrolimus, Vancomycin, Others), By End-User (Hospitals, Diagnostic Centres, Others), By Product (Immunoassay Equipment, Reagents, Other Consumables), By Region, Forecast & Opportunities, 2028

<https://marketpublishers.com/r/T16CA450592EEN.html>

Date: December 2022

Pages: 114

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

ID: T16CA450592EEN

Abstracts

Global therapeutic drug monitoring market is expected to grow at a steady rate during the forecast period, 2024-2028. The growing need of drug profiling for various medications such as anti-epileptics, immunosuppressants, and antibiotics is the major factor for the growth of therapeutic drug monitoring market. TDM or therapeutic drug monitoring is the primary diagnostic tool that is used to deliver an optimized dose of the drugs to define drug concentration range in blood or plasma. Therapeutic drug monitoring applications include the diagnosis of toxicity and identification and

subsequent tailoring of optimal drug dose. Therapeutic drug monitoring also helps in diagnosing the cause of failed therapy outcomes and it can refine patient care by adjusting the drug dosage for better outcomes. The other factors supporting the growth of the therapeutic drug monitoring market include increasing demand for genetic testing, increased government and private sector participation in therapeutic drug monitoring market and rise in drug profiling. Besides, the rising number of organ transplant procedures and the use of TDM in traditional anticancer therapies are expected to augment the growth of the market.

The global therapeutic drug monitoring market is segmented into technology, drug class, active ingredient, end user, product, company and region. Based on technology, immunoassays are expected to be the dominant segment in the forecast period. Immunoassays are easy to perform and do not require specialized training. Based on drug class, antiepileptic drugs are expected to be the dominant segment in the forecast period. These are most frequently monitored class of drugs due to their narrow therapeutic range and challenging pharmacokinetics.

Regionally, North America is expected to dominate the market in the forecast period. High rate of organ transplantation and gradual adoption of metabolite measuring procedures is the major driving factor for the growth of TDM market in the region. Asia Pacific is the second largest region which is expected to dominate the market share in the forecast period. The continuous efforts of government to provide low-cost services with the aim of promoting dosage patterns is the driving factor for growth of TDM market in Asia Pacific.

Major players operating in the global therapeutic drug monitoring market include Biognosys AG, Siemens Healthineers Inc., Bio-Rad Laboratories, Inc., Danaher Corporation, Thermo Fisher Scientific Inc., F Hoffmann-La Roche Ltd., B?HLMANN Laboratories AG, Laboratory Corporation of America® Holdings, Randox Laboratories Limited, and Sekisui Medical Co.

Objective of the Study:

To analyze and estimate the market size of global therapeutic drug monitoring market from 2018 to 2021.

To estimate and forecast the market size of global therapeutic drug monitoring market from 2022 to 2028 and growth rate until 2028.

To classify and forecast global therapeutic drug monitoring market based on technology, drug class, active ingredient, end-user, product, company and regional distribution.

To identify dominant region or segment in the global therapeutic drug monitoring market.

To identify drivers and challenges for global therapeutic drug monitoring market.

To examine competitive developments such as expansions, new product launches, mergers & acquisitions, etc., in global therapeutic drug monitoring market.

To identify and analyze the profile of leading players operating in global therapeutic drug monitoring market.

To identify key sustainable strategies adopted by market players in global therapeutic drug monitoring market.

TechSci Research performed both primary as well as exhaustive secondary research for this study. Initially, TechSci Research sourced a list of manufacturers across the globe. Subsequently, TechSci Research conducted primary research surveys with the identified companies. While interviewing, the respondents were also enquired about their competitors. Through this technique, TechSci Research could include the manufacturers which could not be identified due to the limitations of secondary research. TechSci Research analyzed the manufacturers, distribution channels and presence of all major players across the globe.

TechSci Research calculated the market size of global therapeutic drug monitoring market using a bottom-up approach, wherein data for various end-user segments was recorded and forecast for the future years. TechSci Research sourced these values from the industry experts and company representatives and externally validated through analyzing historical data of these product types and applications for getting an appropriate, overall market size. Various secondary sources such as company websites, news articles, press releases, company annual reports, investor presentations and financial reports were also studied by TechSci Research.

Key Target Audience:

Therapeutic drug monitoring manufacturers, distributors and other stakeholders

Government bodies such as regulating authorities and policy makers

Organizations, forums and alliances related to therapeutic drug monitoring

Market research and consulting firms

The study is useful in providing answers to several critical questions that are important for the industry stakeholders such as manufacturers, suppliers, partners, end users, etc., besides allowing them in strategizing investments and capitalizing on market opportunities.

Report Scope:

In this report, global therapeutic drug monitoring market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Global Therapeutic Drug Monitoring Market, By Technology:

Immunoassays

Proteomic Technologies

Global Therapeutic Drug Monitoring Market, By Drug Class:

Antiarrhythmic Drugs

Immunosuppressants

Antiepileptic Drugs

Others

Global Therapeutic Drug Monitoring Market, By Active Ingredient:

Amikacin

Caffeine

Carbamazepine

Cyclosporine

Digitoxin

Digoxin

Disopyramide

Ethosuxamide

Gentamicin

Lidocaine

Lithium

Mithotrexate

NAPA

Phenobarbital

Quinidine

Sirolimus

Tacrolimus

Vancomycin

Others

Global Therapeutic Drug Monitoring Market, By End User:

Hospitals

Diagnostic Centers

Others

Global Therapeutic Drug Monitoring Market, By Product:

Immunoassay Equipment

Reagents

Other Consumables

Global Therapeutic Drug Monitoring Market, By Region:

North America

United States

Canada

Mexico

Asia-Pacific

China

Japan

India

South Korea

South America

Brazil

Argentina

Colombia

Europe

Germany

France

United Kingdom

Italy

Spain

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in global therapeutic drug monitoring market.

Available Customizations:

With the given market data, TechSci 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 THERAPEUTIC DRUG MONITORING MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Technology (Immunoassays, Proteomic Technologies)
 - 5.2.2. By Drug Class (Antiarrhythmic Drugs, Immunosuppressants, Antiepileptic Drugs, Others)
 - 5.2.2.1. By Active Ingredient (Amikacin, Caffeine, Carbamazepine, Cyclosporine,

Digitoxin, Digoxin, Disopyramide, Ethosuxamide, Gentamicin, Lidocaine, Lithium, Methotrexate, NAPA, Phenobarbital, Quinidine, Sirolimus, Tacrolimus, Vancomycin, Others)

5.2.3. By Product (Immunoassay Equipment, Reagents, Other Consumables)

5.2.4. By End-User (Hospitals, Diagnostic Centres, Others)

5.2.5. By Company (2022)

5.2.6. By Region

5.3. Product Market Map

6. ASIA-PACIFIC THERAPEUTIC DRUG MONITORING MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Technology

6.2.2. By Drug Class

6.2.3. By Product

6.2.4. By End-User

6.2.5. By Country

6.3. Asia-Pacific: Country Analysis

6.3.1. China Therapeutic Drug Monitoring 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 Technology

6.3.1.2.2. By Drug Class

6.3.1.2.3. By Product

6.3.1.2.4. By End-User

6.3.2. India Therapeutic Drug Monitoring 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 Technology

6.3.2.2.2. By Drug Class

6.3.2.2.3. By Product

6.3.2.2.4. By End-User

6.3.3. Japan Therapeutic Drug Monitoring 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 Technology

6.3.3.2.2. By Drug Class

6.3.3.2.3. By Product

6.3.3.2.4. By End-User

6.3.4. South Korea Therapeutic Drug Monitoring Market Outlook

6.3.4.1. Market Size & Forecast

6.3.4.1.1. By Value

6.3.4.2. Market Share & Forecast

6.3.4.2.1. By Technology

6.3.4.2.2. By Drug Class

6.3.4.2.3. By Product

6.3.4.2.4. By End-User

7. EUROPE THERAPEUTIC DRUG MONITORING MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Technology

7.2.2. By Drug Class

7.2.3. By End-User

7.2.4. By Product

7.2.5. By Country

7.3. Europe: Country Analysis

7.3.1. France Therapeutic Drug Monitoring 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 Technology

7.3.1.2.2. By Drug Class

7.3.1.2.3. By Product

7.3.1.2.4. By End-User

7.3.2. Germany Therapeutic Drug Monitoring 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 Technology

7.3.2.2.2. By Drug Class

- 7.3.2.2.3. By Product
- 7.3.2.2.4. By End-User
- 7.3.3. United Kingdom Therapeutic Drug Monitoring 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 Technology
 - 7.3.3.2.2. By Drug Class
 - 7.3.3.2.3. By Product
 - 7.3.3.2.4. By End-User
- 7.3.4. Italy Therapeutic Drug Monitoring 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 Technology
 - 7.3.4.2.2. By Drug Class
 - 7.3.4.2.3. By Product
 - 7.3.4.2.4. By End-User
- 7.3.5. Spain Therapeutic Drug Monitoring 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 Technology
 - 7.3.5.2.2. By Drug Class
 - 7.3.5.2.3. By Product
 - 7.3.5.2.4. By End-User

8. NORTH AMERICA THERAPEUTIC DRUG MONITORING MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Technology
 - 8.2.2. By Drug Class
 - 8.2.3. By Product
 - 8.2.4. By End-User
 - 8.2.5. By Country
- 8.3. North America: Country Analysis
 - 8.3.1. United States Therapeutic Drug Monitoring 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 Technology
 - 8.3.1.2.2. By Drug Class
 - 8.3.1.2.3. By Product
 - 8.3.1.2.4. By End-User
- 8.3.2. Mexico Therapeutic Drug Monitoring 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 Technology
 - 8.3.2.2.2. By Drug Class
 - 8.3.2.2.3. By Product
 - 8.3.2.2.4. By End-User
- 8.3.3. Canada Therapeutic Drug Monitoring 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 Technology
 - 8.3.3.2.2. By Drug Class
 - 8.3.3.2.3. By Product
 - 8.3.3.2.4. By End-User

9. SOUTH AMERICA THERAPEUTIC DRUG MONITORING MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Technology
 - 9.2.2. By Drug Class
 - 9.2.3. By Product
 - 9.2.4. By End-User
 - 9.2.5. By Country
- 9.3. South America: Country Analysis
 - 9.3.1. Brazil Therapeutic Drug Monitoring 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 Technology
- 9.3.1.2.2. By Drug Class
- 9.3.1.2.3. By Product
- 9.3.1.2.4. By End-User
- 9.3.2. Argentina Therapeutic Drug Monitoring 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 Technology
 - 9.3.2.2.2. By Drug Class
 - 9.3.2.2.3. By Product
 - 9.3.2.2.4. By End-User
- 9.3.3. Colombia Therapeutic Drug Monitoring 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 Technology
 - 9.3.3.2.2. By Drug Class
 - 9.3.3.2.3. By Product
 - 9.3.3.2.4. By End-User

10. MIDDLE EAST AND AFRICA THERAPEUTIC DRUG MONITORING MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Technology
 - 10.2.2. By Drug Class
 - 10.2.3. By Product
 - 10.2.4. By End-User
 - 10.2.5. By Country
- 10.3. MEA: Country Analysis
 - 10.3.1. South Africa Therapeutic Drug Monitoring 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 Technology
 - 10.3.1.2.2. By Drug Class

- 10.3.1.2.3. By Product
- 10.3.1.2.4. By End-User
- 10.3.2. Saudi Arabia Therapeutic Drug Monitoring 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 Technology
 - 10.3.2.2.2. By Drug Class
 - 10.3.2.2.3. By Product
 - 10.3.2.2.4. By End-User
- 10.3.3. UAE Therapeutic Drug Monitoring 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 Technology
 - 10.3.3.2.2. By Drug Class
 - 10.3.3.2.3. By Product
 - 10.3.3.2.4. By End-User
- 10.3.4. Israel Therapeutic Drug Monitoring Market Outlook
 - 10.3.4.1. Market Size & Forecast
 - 10.3.4.1.1. By Value
 - 10.3.4.2. Market Share & Forecast
 - 10.3.4.2.1. By Technology
 - 10.3.4.2.2. By Drug Class
 - 10.3.4.2.3. By Product
 - 10.3.4.2.4. By End-User

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

13. COMPETITIVE LANDSCAPE

- 13.1. Biognosys AG
- 13.2. Siemens Healthineers Inc.
- 13.3. Bio-Rad Laboratories, Inc.

- 13.4. Danaher Corporation
- 13.5. Thermo Fisher Scientific Inc.
- 13.6. F Hoffmann-La Roche Ltd.
- 13.7. B?HLMANN Laboratories AG
- 13.8. Laboratory Corporation of America® Holdings
- 13.9. Randox Laboratories Limited
- 13.10. Sekisui Medical Co

14. STRATEGIC RECOMMENDATIONS

I would like to order

Product name: Therapeutic Drug Monitoring Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Technology(Immunoassays, Proteomic Technologies), By Drug Class(Antiarrhythmic Drugs, Immunosuppressants, Antiepileptic Drugs, Others), By Active Ingredient (Amikacin, Caffeine, Carbamazepine, Cyclosporine, Digitoxin, Digoxin, Disopyramide, Ethosuxamide, Gentamicin, Lidocaine, Lithium, Methotrexate, NAPA, Phenobarbital, Quinidine, Sirolimus, Tacrolimus, Vancomycin, Others), By End-User (Hospitals, Diagnostic Centres, Others), By Product (Immunoassay Equipment, Reagents, Other Consumables), By Region, Forecast & Opportunities, 2028

Product link: <https://marketpublishers.com/r/T16CA450592EEN.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/T16CA450592EEN.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