

# Global Therapeutic Drug Monitoring (TDM) Market - Forecasts From 2018 to 2023

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## Abstracts

The global therapeutic drug monitoring market is projected to grow at a CAGR of 6.49%, increasing from US\$1.457 billion in 2017 to US\$2.125 billion in 2023. Therapeutic Drug Monitoring (TDM) is the measurement of the specific drugs in patient's bloodstream at selected intervals, thereby, helping to optimize individual dosing regimen. TDM is used mainly for monitoring drugs with narrow therapeutic ranges, drugs with marked pharmacokinetic variability, medications for which target concentrations are difficult to monitor, and drugs known to cause therapeutic and adverse effects. TDM aims to use and optimize appropriate concentrations of difficult-to-manage medications to enable the assessment of the efficacy and safety of the medication in a variety of clinical settings. The market is expected to show a significant growth during the given period. The rising demand of therapeutic drug monitoring in the administration of the personalized medicines as well as in the areas of drug discovery, clinical research, and biomarker validation is driving the growth of the market. However, limited number of drugs that are amenable to therapeutic drug monitoring and laboratory variability in reporting the results might hamper the growth of the market during the given forecast period.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical region. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the global therapeutic drug monitoring market value chain. Last step involves complete market engineering which includes analysing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the global therapeutic drug monitoring market.

Major industry players profiled as part of the report are Thermo Fisher Scientific, Siemens Healthcare Private Limited and Abbott among others.

## Segmentation

### By Methodology

Spectrophotometry and Fluorimetry

Chromatography

Radio immuno assay (RIA)

Enzyme Immuno assay

Fluorescence polarization Immunoassay (FPIA)

### By Drug Categories

Cardio active drugs

Antibiotics

Antidepressants

Antiepileptic drugs

Bronchodilators

Immunosuppressive

Others

### By End Users

Hospitals and Clinics

Diagnostic Centres

Research Institutes

By Geography

North America

United States

Canada

Others

South America

Brazil

Argentina

Others

Europe

United Kingdom

Germany

France

Others

Middle East and Africa

Saudi Arabia

UAE

Israel

Others

Asia Pacific

China

India

Australia

South Korea

Others

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