

# **2016-2020 Emerging Opportunities in the US Therapeutic Drug Monitoring (TDM) Market: Hospitals, Commercial Labs, Physician Offices-Supplier Shares, Competitive Strategies, Segment Forecasts, Innovative Technologies, Instrumentation Review**

<https://marketpublishers.com/r/2881F1C5C26EN.html>

Date: March 2016

Pages: 249

Price: US\$ 2,800.00 (Single User License)

ID: 2881F1C5C26EN

## **Abstracts**

This new 249-page report from VPGMarketResearch.com provides a comprehensive analysis of the US therapeutic drug monitoring market, including emerging tests, technologies, instrumentation, sales forecasts, market shares, and strategic profiles of leading suppliers. The report provides test volume and sales forecasts by country and market segment for the following assays: Amikacin, Carbamazepine, Cyclosporin, Digoxin, Everolimus, Gentamicin, Levetiracetam, Lithium, Methotrexate, NAPA/Procainamide, Phenobarbital, Phenytoin, Quinidine, Sirolimus, Tacrolimus, Theophylline, Tobramycin, Topirimate, Valproic Acid and Vancomycin. During the next five years, the TDM market will undergo significant transformation. These changes will be caused by convergence of new and more stringent regulations; advances in diagnostic technologies, system engineering, automation, and IT; and intensifying competition. Some segments will start resembling commodity markets, where product positioning and cost per test are more critical than underlying technology. This evolving marketplace will create exciting opportunities for a variety of new instruments, reagent systems, and auxiliary products, such as specimen preparation devices, controls, calibrators and others. This report is a unique market and technology assessment designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities and developed effective strategic responses. The study provides five-year forecasts for major TDM assays; compares features of leading analyzers; and profiles key competitors.

Contains 249 pages and 19 tables

## Contents

### INTRODUCTION

### WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

#### A. Major Therapeutic Drug Monitoring Tests

1. Overview
2. Carbamazepine
3. Cyclosporin
4. Digoxin
5. Everolimus
6. Gentamicin
7. Lamotrigine/Lamictal
8. Levetiracetam
9. Lidocaine
10. Lithium
11. Phenytoin
12. NAPA/Procainamide
13. Quinidine
14. Sirolimus
15. Tacrolimus
16. Topirimate
17. Theophylline
18. Valproic Acid

B. Instrumentation Review: Operating characteristics and features of high-, medium-, and low-volume/POC analyzers manufactured by Abaxis, Abbott, Alere/Inverness, Alfa Wassermann, AMS, Awareness Technologies, Beckman Coulter/Olympus, Binding Site, bioMerieux, Carolina Chemistries, DiaSorin, Grifols, Horiba, Medica, Nova Biomedical, Ortho-Clinical Diagnostics, Polymedco, Randox, Roche, Siemens, Tosoh, Vital Diagnostics and other suppliers

#### C. Major In Vitro Diagnostic Technologies And Their Potential Applications

1. Monoclonal and Polyclonal Antibodies
2. Immunoassays
  - a. Technological Principle
  - b. Chemiluminescence
  - c. Enzyme Immunoassays (EIA)
    - Overview
    - ELISA

EMIT

Electrochemical

d. Radioimmunoassays (RIA)

e. Immunoprecipitation

f. Affinity Chromatography

3. Tandem Mass Spec

4. IT and Automation

5. Dry Chemistry

6. Biosensors

D. Market Size, Growth and Major Supplier Shares

## **ALTERNATIVE MARKET PENETRATION STRATEGIES**

A. Internal Development

B. Collaborative Arrangements

C. University Contracts

D. Distribution Strategies for Decentralized Testing Markets

1. Marketing Approaches

2. Product Complexity

3. Customer Preference

4. Established Suppliers

5. Emerging Suppliers

6. Major Types of Distributors

7. Market Segmentation

## **POTENTIAL MARKET ENTRY BARRIERS AND RISKS**

A. Market Maturity

B. Cost Containment

C. Competition

D. Technological Edge and Limitations

E. Patent Protection

F. Regulatory Constraints

G. Decentralized Testing Market Challenges

## **COMPETITIVE ASSESSMENTS**

Abbott Laboratories

AdnaGen/Alere

Agilent Technologies  
Beckman Coulter/Danaher  
Biomedical Diagnostics  
BioMerieux  
Bio-Rad  
DiaSorin  
Eiken  
Fujirebio  
Grifols  
Instrumentation Laboratory  
Kyowa Medex  
MatriTech/Alere  
Ortho-Clinical Diagnostics  
Quest Diagnostics  
Roche  
Siemens  
Sysmex  
Thermo Fisher  
Tosoh  
Wako  
Wallac/PE

## List Of Tables

### LIST OF TABLES

Major Companies Developing or Marketing TDM Tests  
Major Companies Developing or Marketing Digoxin Tests  
Major Companies Developing or Marketing Lithium Tests  
Major Companies Developing or Marketing Phenytoin Tests  
Major Companies Developing or Marketing Theophylline Tests  
Major Companies Developing or Marketing Valproic Tests  
Major Companies Developing or Marketing Biosensors for Genetic Disease Testing  
U.S.A., Laboratories Performing TDM Tests By Market Segment  
U.S.A., Hospital Laboratories Performing TDM Tests By Bed Size  
U.S.A., Commercial/Private Laboratories Performing TDM Tests By Annual Test Volume  
U.S.A., TDM Test Volume Forecast By Market Segment  
U.S.A., Hospital Laboratories, TDM Test Volume Forecast by Assay  
U.S.A., Commercial/Private Laboratories, TDM Test Volume Forecast by Assay  
U.S.A., Physician Offices/Group Practices, TDM Test Volume Forecast by Assay  
U.S.A., TDM Reagent Market Forecast By Market Segment  
U.S.A., Hospital Laboratories, TDM Reagent Market Forecast by Assay  
U.S.A., Commercial/Private Laboratories, TDM Reagent Market Forecast by Assay  
U.S.A., Physician Office/Group Practices, TDM Reagent Market Forecast by Assay  
U.S.A., Major Suppliers of Immunodiagnostic Products, Estimated Market Shares

## I would like to order

Product name: 2016-2020 Emerging Opportunities in the US Therapeutic Drug Monitoring (TDM) Market: Hospitals, Commercial Labs, Physician Offices-Supplier Shares, Competitive Strategies, Segment Forecasts, Innovative Technologies, Instrumentation Review

Product link: <https://marketpublishers.com/r/2881F1C5C26EN.html>

Price: US\$ 2,800.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/2881F1C5C26EN.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