

2015-2019 Global Therapeutic Drug Monitoring (TDM) Market: Country Forecasts, Innovative Technologies, Competitive Strategies - France, Germany, Italy, Japan, Spain, UK, US

<https://marketpublishers.com/r/24CDE7879FAEN.html>

Date: September 2015

Pages: 313

Price: US\$ 6,800.00 (Single User License)

ID: 24CDE7879FAEN

Abstracts

Complete report \$8,500. DataPack (test volumes, sales forecasts, supplier shares) \$5,500. This new 313-page report from VPGMarketResearch contains 83 tables and provides analysis of the global therapeutic drug monitoring testing market, including emerging tests, technologies, instrumentation, sales forecasts by country, 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, Topiramate, Valproic Acid, Vancomycin. During the next decade, 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. 2015-2019 Global Therapeutic Drug Monitoring (TDM) Market is a unique worldwide 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 313 pages and 83 tables

Contents

INTRODUCTION

WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

A. Major Routine Chemistry Tests

1. Albumin
2. Alkaline Phosphatase
3. ALT/SGPT
4. Ammonia
5. Amylase
6. AST/SGOT
7. Bilirubin, Total
8. Blood Gases
9. Blood Urea Nitrogen (BUN)
10. Calcium
11. Cardio CRP
12. Cholesterol
13. Cholinesterase
14. CRP
15. Creatinine
16. Electrolytes
 - a. Carbon Dioxide/Bicarbonate
 - b. Chloride
 - c. Potassium
 - d. Sodium
17. Ferritin
18. Fructosamine
19. Gamma-Glutamyl Transpeptidase (GGT)
20. Glucose
21. High Density Lipoprotein (HDL)
22. Homocysteine
23. Iron
24. Lactate Dehydrogenase (LDH)
25. Magnesium
26. Phosphorus
27. Protein
28. Triglycerides
29. Uric Acid
30. Troponin

B. Therapeutic Drug Monitoring (TDM)

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

C. Endocrine Function Tests

1. Cortisol
2. Estradiol
3. Follicle-Stimulating Hormone (FSH)
4. Gastrin
5. Growth Hormone/IGF-1
6. Human Chorionic Gonadotropin (HCG)
7. LH
8. Progesterone
9. PTH/IO PTH
10. Prolactin
11. T3
12. T3 Free
13. T3 Uptake
14. T4 (Thyroxine)
15. T4 Free
16. TBG
17. Testosterone
18. Thyroglobulin Ab
19. TPO Ab

20. TSH

D. Tumor Markers And Special Chemistry Tests

1. AFP
2. CA 15-3
3. CA 19-9
4. CA 27-29
5. Carcinoembryonic Antigen (CEA)
6. Folate/Folic Acid
7. HCG
8. 25-Hydroxy Vitamin D2 and D3
9. Occult Blood
10. Prostate-Specific Antigen (PSA)
11. Thyroglobulin
12. Vitamin B-12

E. Immunoprotein Tests

1. Complement
 - a. C3
 - b. C4
2. Free Light Chains
3. Immunofixation
4. Immunoglobulins (IgA, IgE, IgG, IgM)
5. Haptoglobin
6. Prealbumin
7. Protein Electrophoresis

F. Drugs of Abuse

1. Overview
2. Test Methodologies
3. Amphetamines
4. Barbiturates
5. Benzodiazepines
6. Cannabinoids/Marijuana
7. Cocaine
8. Lysergic Acid Diethylamide (LSD)
9. Methadone
10. Methaqualone
11. Opiates
12. Phencyclidine
13. Tricyclic Antidepressants

G. 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

H. Major In Vitro Diagnostic Technologies And Their Potential Applications

1. Monoclonal and Polyclonal Antibodies
2. Immunoassays
 - a. Technological Principle
 - d. 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

GERMANY

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers'
Instrument and Reagent Sales and Market Shares

MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

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
Bayer Healthcare
Beckman Coulter/Danaher
Biomedical Diagnostics
BioMerieux
Bio-Rad
DiaSorin
Eiken
Fujirebio
Grifols
Instrumentation Laboratory
Kyowa Medex
Matriech/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 Albumin Tests
Major Companies Developing or Marketing Alkaline Phosphatase Tests
Major Companies Developing or Marketing ALT/SGPT Tests
Major Companies Developing or Marketing Amylase Tests
Major Companies Developing or Marketing AST/SGOT Tests
Major Companies Developing or Marketing Bilirubin Tests
Major Companies Developing or Marketing Blood Gas Analyzers
Major Companies Developing or Marketing BUN Tests
Major Companies Developing or Marketing Calcium Tests
Major Companies Developing or Marketing Cholesterol Tests
Major Companies Developing or Marketing Creatinine Tests
Major Companies Developing or Marketing Electrolyte Tests
Major Companies Developing or Marketing GGT Tests
Major Companies Developing or Marketing Glucose Tests
Major Companies Developing or Marketing HDL Tests
Major Companies Developing or Marketing Iron Tests
Major Companies Developing or Marketing LDH Tests
Major Companies Developing or Marketing Magnesium Tests
Major Companies Developing or Marketing Phosphorus Tests
Major Companies Developing or Marketing Protein Tests
Major Companies Developing or Marketing Triglycerides Tests
Major Companies Developing or Marketing Uric Acid Tests
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/Dilantin Tests
Major Companies Developing or Marketing Theophylline Tests
Major Companies Developing or Marketing Valproic Acid Tests
Major Companies Developing or Marketing FSH Tests
Major Companies Developing or Marketing HCG Tests
Major Companies Developing or Marketing LH Tests
Major Companies Developing or Marketing Prolactin Tests
Major Companies Developing or Marketing T3 Tests
Major Companies Developing or Marketing T4 Tests
Major Companies Developing or Marketing TSH Tests

Major Companies Developing or Marketing AFP Tests
Major Companies Developing or Marketing CEA Tests
Major Companies Developing or Marketing Ferritin Tests
Major Companies Developing or Marketing Occult Blood Tests
Major Companies Developing or Marketing Prostatic Acid Phosphatase Tests
Major Companies Developing or Marketing PSA Tests
Major Companies Developing or Marketing Vitamin B-12/Folate Tests
Major Companies Developing or Marketing CRP Tests
Major Companies Developing or Marketing Drugs of Abuse Tests
Major Companies Developing or Marketing Biosensors for Clinical Chemistry Testing
Executive Summary Table: Germany, Clinical Chemistry and Immunoassay Test
Volume and Diagnostics Sales Forecast By Test Category
Germany, Hospital Laboratories Performing Chemistry and Immunoassay Tests By Bed
Size
Germany, Hospital Laboratories, Profiles, Panels and Individual Tests Forecast
Germany, Hospital Laboratories, Routine Chemistry Test Volume Forecast by Assay
Germany, Hospital Laboratories, Endocrine Function Test Volume Forecast by Assay
Germany, Hospital Laboratories, Tumor Markers and Special Chemistry Test Volume
Forecast by Assay
Germany, Hospital Laboratories, Immunoprotein Test Volume Forecast by Assay
Germany, Hospital Laboratories, TDM Test Volume Forecast
Germany, Hospital Laboratories, Drugs of Abuse Test Volume Forecast by Assay
Germany, Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast
By Test Category
Germany, Hospital Laboratories, Routine Chemistry Reagent Market Forecast by Assay
Germany, Hospital Laboratories, Endocrine Function Reagent Market Forecast by
Assay
Germany, Hospital Laboratories, Tumor Markers and Special Chemistry Reagent
Market Forecast by Assay
Germany, Hospital Laboratories, TDM Reagent Market Forecast by Assay
Germany, Hospital Laboratories, Immunoprotein Reagent Market Forecast
Germany, Hospital Laboratories, Drugs of Abuse Reagent Market Forecast by Assay
Germany, Clinical Chemistry and Immunoassay Instrument Market Forecasts by
Analyzer Type
Germany, Major Suppliers of Clinical Chemistry Diagnostics Products, Estimated Sales
and Market Shares
Germany, Major Suppliers of Immunoassay Diagnostic Products, Estimated Sales and
Market Shares

I would like to order

Product name: 2015-2019 Global Therapeutic Drug Monitoring (TDM) Market: Country Forecasts, Innovative Technologies, Competitive Strategies - France, Germany, Italy, Japan, Spain, UK, US

Product link: <https://marketpublishers.com/r/24CDE7879FAEN.html>

Price: US\$ 6,800.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/24CDE7879FAEN.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