

2023-2027 North America Clinical Chemistry and Immunodiagnostic Analyzers and Reagents-Supplier Shares, Volume and Sales Segment Forecasts for 100 Tests in the US, Canada and Mexico-Abused Drugs, Cancer, Chemistry, Endocrine, Immunoprotein, TDM and Other Assays-High-Growth Opportunities for Suppliers, Competitive Analysis and Growth Strategies, Latest Technologies and Instrumentation Pipeline

<https://marketpublishers.com/r/290F8D221011EN.html>

Date: October 2023

Pages: 0

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

ID: 290F8D221011EN

Abstracts

This new 3-country report from LeadingMarketResearch.com is available by country, market segment, section, or individual test.

The report is available by section, and can be customized to specific information needs and budget.

This report provides a granular strategic analysis of over 100 clinical chemistry, TDM, endocrine, cancer, immunoprotein and abused drug assays performed in both centralized (hospitals, commercial laboratories), and POC/decentralized locations. The report explores future market trends; forecasts specimen, test and sales volume; estimates sales and market shares of key suppliers in major countries; compares features of leading analyzers; profiles key competitors; and identifies specific product and marketing opportunities for reagent and instrument suppliers.

Rationale

Clinical chemistry and immunodiagnostic markets are undergoing significant transformation, caused by convergence of new and more stringent regulations; advances in diagnostic technologies, system engineering, automation, and IT; and intensifying competition. Some segments, like routine chemistry, are already resembling commodity markets, where product positioning and cost per test are more critical than underlying technology. This evolving marketplace creates exciting opportunities for a variety of new instruments, reagent systems, and auxiliary products, such as specimen preparation devices, controls, and calibrators.

Country Analyses

Canada, Mexico, USA

Global Market Overview

Estimates of facilities performing clinical chemistry and immunodiagnostic tests in major countries.

Test volume and sales projections.

Market Segmentation Analysis

Comprehensive review of the market dynamics, trends, structure, size, growth, and key suppliers.

Test volume and sales forecasts for over 100 clinical chemistry, TDM, endocrine, cancer, immunoprotein and abused drug assays.

Individual Tests Analyzed in the Report

Clinical Chemistry

Albumin, Alkaline Phosphatase, ALT/SGPT, Ammonia, Amylase, AST/SGOT, Bilirubin (Direct), Bilirubin (Total), BNP, BUN (Blood Urea Nitrogen), Calcium, Carbon Dioxide/Bicarbonate, Cardio CRP, Chloride, Cholesterol, Creatine Kinase (CK), CK-MB, Creatinine, CRP, Cystatin C, Ferritin, Fructosamine, GGT, Glucose, HDL Cholesterol, Homocysteine, hs-CRP, Insulin, Iron, Iron (Total Binding Capacity), Iron (Unsaturated Binding Capacity), LDH, LDL Cholesterol, LDL Cholesterol Direct, Lipase, Lipoprotein a, Magnesium, Microalbumin, NT-proBNP, Phosphorus, Potassium, Sodium, ST2, Total

Protein, Triglycerides, Troponin, Uric Acid

Therapeutic Drug Monitoring (TDM)

Amikacin, Carbamazepine, Cyclosporin, Digoxin, Everolimus, Gentamicin, Levetiracetam, Lithium, Methotrexate, NAPA/Procainamide, Phenobarbital, Phenytoin, Quinidine, Sirolimus, Tacrolimus, Theophylline, Tobramycin, Topiramate, Valproic Acid, Vancomycin

Endocrine Function

Cortisol, Estradiol, FSH, HCG, Gastrin, LH, Progesterone, PTH/IO PTH, Prolactin, T3, T3 Free, T3 Uptake, T4, T4 Free, TBG, Testosterone, Thyroglobulin Ab, TPO Ab, TSH

Tumor Markers and Special Chemistry

AFP, CA 15-3/27-29, CA 19-9, CEA, Ferritin, Folate (Folic Acid), Glycosylated Hemoglobin, HCG, 25-Hydroxy Vitamin D2 and D3, Occult Blood, PAP, PSA, Thyroglobulin, Vitamin B-12

Immunoproteins

C3, C4, Free Light Chains, Haptoglobin, IgA, IgE Specific, IgE Total, IgG, IgM, Immunofixation, Prealbumin, Protein Electrophoresis

Drugs of Abuse

Amphetamines, Antidepressants, Barbiturates, Benzodiazepines, Cannabinoids/Marijuana, Cocaine, LSD, Methadone, Methaqualone, Opiates, Phencyclidine (PCP), Propoxyphene, Tricyclic Antidepressants

Current and Emerging Products

Analysis of current and emerging clinical chemistry and immunodiagnostic tests.

Review of current instrumentation technologies, and feature comparison of high-, medium-, and low-volume/POC analyzers.

Technology Review

Assessment of current and emerging technologies, and their potential market applications.

Companies developing or marketing new technologies and products by test.

Strategic Recommendations

New product development opportunities with significant market appeal.

Alternative market penetration strategies.

Potential market entry barriers and risks.

Competitive Assessments

Strategic assessments of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, collaborative arrangements and new products in R&D.

Abbott Laboratories

Agilent Technologies

Beckman Coulter/Danaher

bioMerieux

Bio-Rad

DiaSorin

Eiken Chemical

Fujifilm Wako

Fujirebio

Grifols

Instrumentation Laboratory/Werfen

Kyowa Medex

PerkinElmer

Quest Diagnostics

QuidelOrtho

Roche

Siemens Healthineers

Sysmex

Thermo Fisher

Tosoh

Contents

I. INTRODUCTION

II. MARKET OVERVIEW

- A. Business Environment
- B. Market Structure
- C. Market Size and Growth

III. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

IV. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

V. ALTERNATIVE MARKET PENETRATION STRATEGIES

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies for Decentralized Testing Markets

VI. 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

VII. 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. BNP
 11. Calcium
 12. Cardio CRP
 13. Cholesterol
 14. Cholinesterase
 15. CRP
 16. Creatinine
 17. Electrolytes
 - a. Carbon Dioxide/Bicarbonate
 - b. Chloride
 - c. Potassium
 - d. Sodium
 18. Ferritin
 19. Fructosamine
 20. Gamma-Glutamyl Transpeptidase (GGT)
 21. Glucose
 22. High Density Lipoprotein (HDL)
 23. Homocysteine
 24. hs-CRP
 25. Iron
 26. Lactate Dehydrogenase (LDH)
 27. Magnesium
 28. NT-proBNP
 29. Phosphorus
 30. Protein
 31. ST2
 32. Triglycerides
 33. Uric Acid
 34. 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. Topiramate
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. Clinical Chemistry and Immunodiagnostic Instrumentation Review: Operating Characteristics and Features of High-, Medium-, and Low-volume/POC analyzers
- H. Major Clinical Chemistry and Immunodiagnostic Technologies and Their Potential Applications
1. Monoclonal and Polyclonal Antibodies
 2. Immunoassays
 3. Tandem Mass Spec

4. IT and Automation
5. Dry Chemistry
6. Biosensors

VIII. COUNTRY ANALYSES: VOLUME AND SALES FORECASTS FOR OVER 100 IMMUNODIAGNOSTIC, DRUG OF ABUSE, ENDOCRINE FUNCTION, IMMUNOPROTEIN, THERAPEUTIC DRUG MONITORING (TDM), TUMOR MARKER AND SPECIAL CHEMISTRY TESTS

Canada
Mexico
USA

IX. COMPETITIVE ASSESSMENTS

Abbott
Agilent Technologies
Beckman Coulter/Danaher
bioMerieux
Bio-Rad
DiaSorin
Eiken Chemical
Fujirebio
Grifols
Instrumentation Laboratory/Werfen
Kyowa Medex
Ortho-Clinical Diagnostics
PerkinElmer
Quest Diagnostics
Roche
Siemens Healthineers
Sysmex
Thermo Fisher
Tosoh
Wako

I would like to order

Product name: 2023-2027 North America Clinical Chemistry and Immunodiagnostic Analyzers and Reagents-Supplier Shares, Volume and Sales Segment Forecasts for 100 Tests in the US, Canada and Mexico-Abused Drugs, Cancer, Chemistry, Endocrine, Immunoprotein, TDM and Other Assays-High-Growth Opportunities for Suppliers, Competitive Analysis and Growth Strategies, Latest Technologies and Instrumentation Pipeline

Product link: <https://marketpublishers.com/r/290F8D221011EN.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/290F8D221011EN.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