

# **2024 Latin America Clinical Chemistry Analyzers and Reagents Market in 7 Countries: Emerging Opportunities, Supplier Strategies, Volume and Sales Forecasts for over 100 Tests, Technology and Instrumentation Review**

<https://marketpublishers.com/r/L4201F0B4D5EN.html>

Date: June 2020

Pages: 620

Price: US\$ 8,750.00 (Single User License)

ID: L4201F0B4D5EN

## **Abstracts**

This new 7-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.

### 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

Argentina, Brazil, Chile, Colombia, Mexico, Peru, Venezuela

### Market Segmentation Analysis

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.

Contains 620 pages and 155 tables

## 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**

Argentina  
Brazil  
Chile  
Colombia  
Mexico  
Peru  
Venezuela

## **IX. COMPETITIVE ASSESSMENTS**

Abbott Laboratories  
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





## List Of Tables

### LIST OF TABLES

Argentina Total Chemistry and Immunoassay Specimen Volume Forecast by Specimen Type

Argentina All Market Segments, Routine Chemistry Test Volume Forecast by Assay

Argentina All Market Segments, Endocrine Function Test Volume Forecast by Assay

Argentina All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Argentina All Market Segments, Immunoprotein Test Volume Forecast by Assay

Argentina All Market Segments, TDM Test Volume Forecast by Assay

Argentina All Market Segments, Drugs of Abuse Test Volume Forecast by Assay

Argentina Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast by Test Category

Argentina All Market Segments, Routine Chemistry Reagent Market Forecast by Assay

Argentina All Market Segments, Endocrine Function Reagent Market Forecast by Assay

Argentina All Market Segments, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Argentina All Market Segments, Immunoprotein Reagent Market Forecast by Assay

Argentina All Market Segments, TDM Reagent Market Forecast by Assay

Argentina All Market Segments, Drugs of Abuse Reagent Market Forecast by Assay

Argentina Clinical Chemistry and Immunoassay Instrument Market Forecast by Analyzer Type

Brazil Total Chemistry and Immunoassay Specimen Volume Forecast by Specimen Type

Brazil All Market Segments, Routine Chemistry Test Volume Forecast by Assay

Brazil All Market Segments, Endocrine Function Test Volume Forecast by Assay

Brazil All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Brazil All Market Segments, Immunoprotein Test Volume Forecast by Assay

Brazil All Market Segments, TDM Test Volume Forecast by Assay

Brazil All Market Segments, Drugs of Abuse Test Volume Forecast by Assay

Brazil Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast by Test Category

Brazil All Market Segments, Routine Chemistry Reagent Market Forecast by Assay

Brazil All Market Segments, Endocrine Function Reagent Market Forecast by Assay

Brazil All Market Segments, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Brazil All Market Segments, Immunoprotein Reagent Market Forecast by Assay  
Brazil All Market Segments, TDM Reagent Market Forecast by Assay  
Brazil All Market Segments, Drugs of Abuse Reagent Market Forecast by Assay  
Brazil Clinical Chemistry and Immunoassay Instrument Market Forecast by Analyzer Type  
Chile Total Chemistry and Immunoassay Specimen Volume Forecast by Specimen Type  
Chile All Market Segments, Routine Chemistry Test Volume Forecast by Assay  
Chile All Market Segments, Endocrine Function Test Volume Forecast by Assay  
Chile All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay  
Colombia Total Chemistry and Immunoassay Specimen Volume Forecast by Specimen Type  
Colombia All Market Segments, Routine Chemistry Test Volume Forecast by Assay  
Colombia All Market Segments, Endocrine Function Test Volume Forecast by Assay  
Colombia All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay  
Colombia All Market Segments, Immunoprotein Test Volume Forecast by Assay  
Colombia All Market Segments, TDM Test Volume Forecast by Assay  
Colombia All Market Segments, Drugs of Abuse Test Volume Forecast by Assay  
Colombia Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast by Test Category  
Colombia All Market Segments, Routine Chemistry Reagent Market Forecast by Assay  
Colombia All Market Segments, Endocrine Function Reagent Market Forecast by Assay  
Colombia All Market Segments, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay  
Colombia All Market Segments, Immunoprotein Reagent Market Forecast by Assay  
Colombia All Market Segments, TDM Reagent Market Forecast by Assay  
Colombia All Market Segments, Drugs of Abuse Reagent Market Forecast by Assay  
Colombia Clinical Chemistry and Immunoassay Instrument Market Forecast by Analyzer Type  
Mexico Total Chemistry and Immunoassay Specimen Volume Forecast by Specimen Type  
Mexico All Market Segments, Routine Chemistry Test Volume Forecast by Assay  
Mexico All Market Segments, Endocrine Function Test Volume Forecast by Assay  
Mexico All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay  
Mexico All Market Segments, Immunoprotein Test Volume Forecast by Assay  
Mexico All Market Segments, TDM Test Volume Forecast by Assay

Mexico All Market Segments, Drugs of Abuse Test Volume Forecast by Assay  
Mexico Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast by Test Category

Mexico All Market Segments, Routine Chemistry Reagent Market Forecast by Assay  
Mexico All Market Segments, Endocrine Function Reagent Market Forecast by Assay  
Mexico All Market Segments, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Mexico All Market Segments, Immunoprotein Reagent Market Forecast by Assay  
Mexico All Market Segments, TDM Reagent Market Forecast by Assay  
Mexico All Market Segments, Drugs of Abuse Reagent Market Forecast by Assay  
Mexico Clinical Chemistry and Immunoassay Instrument Market Forecast by Analyzer Type

Peru Total Chemistry and Immunoassay Specimen Volume Forecast by Specimen Type  
Peru All Market Segments, Routine Chemistry Test Volume Forecast by Assay  
Peru All Market Segments, Endocrine Function Test Volume Forecast by Assay  
Peru All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Peru All Market Segments, Immunoprotein Test Volume Forecast by Assay  
Peru All Market Segments, TDM Test Volume Forecast by Assay  
Peru All Market Segments, Drugs of Abuse Test Volume Forecast by Assay  
Peru Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast by Test Category

Peru All Market Segments, Routine Chemistry Reagent Market Forecast by Assay  
Peru All Market Segments, Endocrine Function Reagent Market Forecast by Assay  
Peru All Market Segments, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Peru All Market Segments, Immunoprotein Reagent Market Forecast by Assay  
Peru All Market Segments, TDM Reagent Market Forecast by Assay  
Peru All Market Segments, Drugs of Abuse Reagent Market Forecast by Assay  
Peru Clinical Chemistry and Immunoassay Instrument Market Forecast by Analyzer Type

Venezuela Total Chemistry and Immunoassay Specimen Volume Forecast by Specimen Type

Venezuela All Market Segments, Routine Chemistry Test Volume Forecast by Assay  
Venezuela All Market Segments, Endocrine Function Test Volume Forecast by Assay  
Venezuela All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Venezuela All Market Segments, Immunoprotein Test Volume Forecast by Assay  
Venezuela All Market Segments, TDM Test Volume Forecast by Assay

Venezuela All Market Segments, Drugs of Abuse Test Volume Forecast by Assay  
Venezuela Clinical Chemistry and Immunoassay Calibrator and Control Market  
Forecast by Test Category

Venezuela All Market Segments, Routine Chemistry Reagent Market Forecast by Assay  
Venezuela All Market Segments, Endocrine Function Reagent Market Forecast by  
Assay

Venezuela All Market Segments, Tumor Markers and Special Chemistry Reagent  
Market Forecast by Assay

Venezuela All Market Segments, Immunoprotein Reagent Market Forecast by Assay

Venezuela All Market Segments, TDM Reagent Market Forecast by Assay

Venezuela All Market Segments, Drugs of Abuse Reagent Market Forecast by Assay

Venezuela Clinical Chemistry and Immunoassay Instrument Market Forecast by  
Analyzer Type

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 Immunological Testing

## I would like to order

Product name: 2024 Latin America Clinical Chemistry Analyzers and Reagents Market in 7 Countries: Emerging Opportunities, Supplier Strategies, Volume and Sales Forecasts for over 100 Tests, Technology and Instrumentation Review

Product link: <https://marketpublishers.com/r/L4201F0B4D5EN.html>

Price: US\$ 8,750.00 (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/L4201F0B4D5EN.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