

# **2024-2029 Bahrain Immunodiagnostic/Immunoassay Analyzers and Reagents - 2024 Supplier Shares and Competitive Analysis, 2024-2029 Volume and Sales Segment Forecasts for 100 Abused Drugs, Cancer Diagnostic, Endocrine Function, Immunoproteins, TDMs, and Special Chemistry Centralized and POC Tests - Latest Technologies and Instrumentation Pipeline, Emerging Opportunities for Suppliers, Market Challenges and Risks**

<https://marketpublishers.com/r/2A8275E2A622EN.html>

Date: January 2025

Pages: 517

Price: US\$ 2,500.00 (Single User License)

ID: 2A8275E2A622EN

## **Abstracts**

This new report from LeadingMarketResearch.com is designed to help current suppliers and potential market entrants identify and evaluate business opportunities emerging in the clinical chemistry and immunodiagnostic markets during the next five years. The report is available by section, and can be customized to specific information needs and budget. The report provides specimen, test volume and Sales Segment forecasts; compares features of leading analyzers; profiles key competitors; and identifies specific product and marketing opportunities emerging during the next five years.

### **Rationale**

The 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.

## 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, Topirimate, 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 Assessment

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

Comprehensive lists of 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 Segment, product portfolios, marketing tactics, collaborative arrangements and new products in R&D.

## Contents

- I. Introduction
- II. 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
- b. 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**

G. Instrumentation Review: Operating characteristics and features of high-, medium-, and low-volume/POC analyzers

H. 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**

- VI. Market Size, Growth and Sales Forecasts by Test
- VII. Major Product Development Opportunities
- VIII. Design Criteria for Decentralized Testing Products
- IX. 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

### X. 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

### XI. Competitive Assessments

Abbott

Agilent Technologies

Beckman Coulter/Danaher

bioMerieux

Bio-Rad

DiaSorin

Eiken Chemical

Fujifilm Wako

Fujirebio

Grifols

Instrumentation Laboratory/Werfen

Kyowa Medex

OrthoQuidel

Quest Diagnostics

Roche

Siemens Healthineers

Sysmex

Thermo Fisher

Tosoh

## I would like to order

Product name: 2024-2029 Bahrain Immunodiagnostic/Immunoassay Analyzers and Reagents - 2024 Supplier Shares and Competitive Analysis, 2024-2029 Volume and Sales Segment Forecasts for 100 Abused Drugs, Cancer Diagnostic, Endocrine Function, Immunoproteins, TDMs, and Special Chemistry Centralized and POC Tests - Latest Technologies and Instrumentation Pipeline, Emerging Opportunities for Suppliers, Market Challenges and Risks

Product link: <https://marketpublishers.com/r/2A8275E2A622EN.html>

Price: US\$ 2,500.00 (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/2A8275E2A622EN.html>