

2021 South Africa Clinical Chemistry Reagent and Instrument Market Assessment-Competitive Shares and Growth Strategies, Volume and Sales Segment Forecasts for 55 Tests, Latest Technologies and Instrumentation Pipeline, Emerging Opportunities for Suppliers

https://marketpublishers.com/r/270BC961A571EN.html

Date: January 2021 Pages: 0 Price: US\$ 2,450.00 (Single User License) ID: 270BC961A571EN

# **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 market 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 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 market is 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.



Tests Analyzed in the Report:

Albumin, Alkaline Phosphatase, ALT/SGPT, Ammonia, Amylase, Apolipoprotein A-1, Apolipoprotein B, AST/SGOT, Beta-Hydroxybutyrate, Bilirubin (Direct), Bilirubin (Total), BNP, BUN (Blood Urea Nitrogen), Calcitonin, Calcium, Carbon Dioxide/Bicarbonate, Cardio hs CRP, Chloride, Cholesterol, Cholinesterase, 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, Myoglobin, NT-proBNP, Phosphorus, Potassium, Sodium, ST2, Total Protein, Transferrin, Triglycerides, Troponin, Uric Acid

**Current and Emerging Products** 

Analysis of current and emerging clinical chemistry 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**

2021 South Africa Clinical Chemistry Reagent and Instrument Market Assessment-Competitive Shares and Growth St...



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



# Contents

### I. INTRODUCTION

## **II. MARKET AND TECHNOLOGY OVERVIEW**

- A. Selected Tests Clinical Significance and Diagnostic Procedures
  - 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

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

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

# III. MARKET SIZE, GROWTH AND SALES FORECASTS BY TEST

# **IV. MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES**

### **V. DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS**

# **VI. 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

2021 South Africa Clinical Chemistry Reagent and Instrument Market Assessment-Competitive Shares and Growth St ...



- 6. Major Types of Distributors
- 7. Market Segmentation

### **VII. 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

### **VIII. 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: 2021 South Africa Clinical Chemistry Reagent and Instrument Market Assessment-Competitive Shares and Growth Strategies, Volume and Sales Segment Forecasts for 55 Tests, Latest Technologies and Instrumentation Pipeline, Emerging Opportunities for Suppliers
  - Product link: https://marketpublishers.com/r/270BC961A571EN.html
    - Price: US\$ 2,450.00 (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 <u>https://marketpublishers.com/r/270BC961A571EN.html</u>

# 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

Custumer signature \_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>



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