

# 2019 Japan Hospital Chemistry and Immunodiagnostic Analyzers and Reagents: Market Shares and Strategies, Segmentation Forecasts, Innovative Technologies, Latest Instrumentation

https://marketpublishers.com/r/2601267ED08EN.html

Date: April 2019

Pages: 520

Price: US\$ 3,500.00 (Single User License)

ID: 2601267ED08EN

# **Abstracts**

This new report from LeadingMarketResearch.com contains 520 pages, 64 tables, and presents a comprehensive analysis of the Japanese hospital clinical chemistry and immunodiagnostics market, including:

Major issues pertaining to the Japanese clinical chemistry and immunodiagnostic hospital laboratory practice, as well as key economic, regulatory, demographic, social and technological trends with significant market impact during the next five years.

Five-year volume and sales forecasts for over 100 clinical chemistry, TDM, endocrine, cancer, immunoprotein and abused drug assays performed in Japanese hospitals, including controls, calibrators and consumables.

Five-year volume forecasts for serum, whole blood, plasma, CFS, urine and other specimens.

Five-year reagent and instrument sales forecasts.

Review of current instrumentation Technologies, and a feature comparison

of high-, medium-, and low-volume/POC analyzers.

Sales and market shares of leading reagent and instrument suppliers.



Review of current and emerging Technologies and their potential market applications.

Product development opportunities for clinical chemistry and immunodiagnostic instruments and consumables.

Profiles of current and emerging suppliers, including their sales, market shares, product portfolios, marketing tactics, technological know-how, new products in R&D, collaborative arrangements and business strategies.

Market penetration strategies, entry barriers and risks.

Contains 520 pages and 64 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. Carcinoembrionic 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. Tricy

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

### **JAPAN**

- 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

Matritech/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 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: Japan, Clinical Chemistry and Immunoassay Test Volume

and Diagnostics Sales Forecast By Test Category



Japan, Hospital Laboratories Performing Chemistry and Immunoassay Tests By Bed Size

Japan, Hospital Laboratories, Profiles, Panels and Individual Tests Forecast Japan, Commercial/Private Laboratories, Profiles, Panels and Individual Tests Forecast Japan, Hospital Laboratories, Routine Chemistry Test Volume Forecast by Assay Japan, Hospital Laboratories, Endocrine Function Test Volume Forecast by Assay Japan, Hospital Laboratories, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Japan, Hospital Laboratories, Immunoprotein Test Volume Forecast by Assay
Japan, Hospital Laboratories, TDM Test Volume Forecast by Assay
Japan, Hospital Laboratories, Drugs of Abuse Test Volume Forecast by Assay
Japan, Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast By
Test Category

Japan, Hospital Laboratories, Routine Chemistry Reagent Market Forecast by Assay Japan, Hospital Laboratories, Endocrine Function Reagent Market Forecast by Assay Japan, Hospital Laboratories, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Japan, Hospital Laboratories, Immunoprotein Reagent Market Forecast by Assay Japan, Hospital Laboratories, Drugs of Abuse Reagent Market Forecast by Assay Japan, Clinical Chemistry and Immunoassay Instrument Market Forecast By Analyzer Type

Japan, Major Suppliers of Clinical Chemistry Diagnostic Products, Estimated Sales and Market Shares

Japan, Major Suppliers of Immunoassay Products, Estimated Sales and Market Shares



## I would like to order

Product name: 2019 Japan Hospital Chemistry and Immunodiagnostic Analyzers and Reagents: Market

Shares and Strategies, Segmentation Forecasts, Innovative Technologies, Latest

Instrumentation

Product link: https://marketpublishers.com/r/2601267ED08EN.html

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/2601267ED08EN.html">https://marketpublishers.com/r/2601267ED08EN.html</a>

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 <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

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