

# Japan Hospital Chemistry and Immunodiagnostic Analyzers and Reagents, 2019-2023: Market Shares and Strategies, Segmentation Forecasts, Innovative Technologies, Latest Instrumentation

<https://marketpublishers.com/r/JFE83FD6F34EN.html>

Date: July 2019

Pages: 520

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

ID: JFE83FD6F34EN

## 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. 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. 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 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 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: Japan Hospital Chemistry and Immunodiagnostic Analyzers and Reagents, 2019-2023: Market Shares and Strategies, Segmentation Forecasts, Innovative Technologies, Latest Instrumentation

Product link: <https://marketpublishers.com/r/JFE83FD6F34EN.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](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/JFE83FD6F34EN.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