

# **2024 Japan Clinical Chemistry and Immunodiagnosics Market: Supplier Shares and Sales Segment Forecasts for Over 100 Tests, Competitive Landscape, Emerging technologies, Instrumentation Review**

<https://marketpublishers.com/r/JF3F760A0D4EN.html>

Date: June 2020

Pages: 559

Price: US\$ 3,750.00 (Single User License)

ID: JF3F760A0D4EN

## **Abstracts**

VPGMktResearch's new report is a study of the major business opportunities emerging in the Japanese 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 explores future trends in the Japanese market; provides estimates of the specimen, test and sales volumes, as well as major suppliers' sales and market shares; compares features of leading analyzers; profiles key competitors; and identifies specific product and marketing opportunities emerging during the next five years.

The report provides five-year volume and sales forecasts for over 100 clinical chemistry, TDM, endocrine, cancer, immunoprotein and abused drug assays performed in hospitals, commercial laboratories, physician offices, and ambulatory care centers, including controls, calibrators and consumables.

### **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.

## Japan Market Overview

Estimates of facilities performing clinical chemistry and immunodiagnostic tests.

Test volume and sales projections.

## Strategic Recommendations

New product development opportunities with significant market appeal.

Alternative market penetration strategies.

Potential market entry barriers and risks.

## Market Segmentation Analysis

Comprehensive review of the market dynamics, trends, structure, size, growth, and key suppliers.

Test volume and sales forecasts for over 100 clinical chemistry, TDM, endocrine, cancer, immunoprotein and abused drug assays, by market segment:

Hospitals

Commercial/Private Laboratories

## Tests Analyzed in the Report

### Routine Clinical Chemistry

Albumin, Alkaline Phosphatase, ALT/SGPT, Ammonia, Amylase, AST/SGOT, Bilirubin,

Total, BUN (Blood Urea Nitrogen), Calcium, Cardio CRP, Carbon Dioxide/Bicarbonate, Chloride, Cholesterol, Creatine Kinase (CK), CK-MB, Creatinine, CRP, Ferritin, GGT, Glucose, HDL Cholesterol, Homocysteine, Iron, LDH, LDL Cholesterol, Magnesium, Phosphorus, Potassium, Protein, Total, Sodium, 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 Uptake, Free T3, T4, Free T4, 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, 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.

Comprehensive lists of companies developing or marketing new technologies and products by test.

### 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 559 pages and 103 tables

## Contents

### **I. INTRODUCTION**

### **II. MARKET OVERVIEW**

1. Business Environment
2. Market Structure
3. 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. 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. 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. JAPAN CLINICAL CHEMISTRY AND IMMUNODIAGNOSTICS MARKET**

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Test Volume and Sales Forecasts by Market Segment, Major Supplier Instrument, Reagent Sales and Market Shares

## **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

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  
Executive Summary Table: Japan, Clinical Chemistry and Immunoassay Test Volume and Diagnostics Sales Forecast By Test Category  
Japan, Laboratories Performing Chemistry and Immunoassay Testing By Market Segment  
Japan, Hospital Laboratories Performing Chemistry and Immunoassay Tests By Bed Size  
Japan, Commercial/Private Laboratories Performing Chemistry and Immunoassay Tests By Annual Test Volume  
Japan, Total Chemistry and Immunoassay Specimen Volume Forecast  
Japan, All Market Segments, Specimen Volume Forecast By Test Category  
Japan, Total Clinical Chemistry and Immunoassay Test Volume Forecast By Test Category  
Japan, Routine Chemistry Test Volume Forecast By Market Segment  
Japan, Endocrine Function Test Volume Forecast By Market Segment  
Japan, Tumor Markers and Special Chemistry Test Volume Forecast By Market Segment  
Japan, Immunoprotein Test Volume Forecast By Market Segment  
Japan, TDM Test Volume Forecast By Market Segment  
Japan, Drugs of Abuse Test Volume Forecast By Market Segment  
Japan, All Market Segments, Profiles, Panels and Individual Tests Forecast  
Japan, Hospital Laboratories, Profiles, Panels and Individual Tests Forecast  
Japan, Commercial/Private Laboratories, Profiles, Panels and Individual Tests Forecast  
Japan, All Market Segments, Routine Chemistry Test Volume Forecast by Assay  
Japan, Hospital Laboratories, Routine Chemistry Test Volume Forecast by Assay  
Japan, Commercial/Private Laboratories, Routine Chemistry Test Volume Forecast by Assay  
Japan, All Market Segments, Endocrine Function Test Volume Forecast by Assay  
Japan, Hospital Laboratories, Endocrine Function Test Volume Forecast by Assay  
Japan, Commercial/Private Laboratories, Endocrine Function Test Volume Forecast by

## Assay

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

Japan, Hospital Laboratories, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Japan, Commercial/Private Laboratories, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

Japan, All Market Segments, Immunoprotein Test Volume Forecast by Assay

Japan, Hospital Laboratories, Immunoprotein Test Volume Forecast by Assay

Japan, Commercial/Private Laboratories, Immunoprotein Test Volume Forecast by Assay

Japan, All Market Segments, TDM Test Volume Forecast by Assay

Japan, Hospital Laboratories, TDM Test Volume Forecast by Assay

Japan, Commercial/Private Laboratories, TDM Test Volume Forecast by Assay

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

Japan, Hospital Laboratories, Drugs of Abuse Test Volume Forecast by Assay

Japan, Commercial/Private Laboratories, Drugs of Abuse Test Volume Forecast by Assay

Japan, Total Clinical Chemistry and Immunoassay Reagent Market Forecast By Test Category

Japan, Clinical Chemistry and Immunoassay Calibrator and Control Market Forecast By Test Category

Japan, Routine Chemistry Reagent Market Forecast By Market Segment

Japan, Endocrine Function Reagent Market Forecast By Market Segment

Japan, Tumor Markers and Special Chemistry Reagent Market Forecast By Market Segment

Japan, TDM Reagent Market Forecast By Market Segment

Japan, Immunoprotein Reagent Market Forecast By Market Segment

Japan, Drugs of Abuse Reagent Market Forecast By Market Segment

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

Japan, Hospital Laboratories, Routine Chemistry Reagent Market Forecast by Assay

Japan, Commercial/Private Laboratories, Routine Chemistry Reagent Market Forecast by Assay

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

Japan, Hospital Laboratories, Endocrine Function Reagent Market Forecast by Assay

Japan, Commercial/Private Laboratories, Endocrine Function Reagent Market Forecast by Assay

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

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

Japan, Commercial/Private Laboratories, Tumor Markers and Special Chemistry Reagent Market Forecast by Assay

Japan, All Market Segments, TDM Reagent Market Forecast by Assay

Japan, Hospital Laboratories, TDM Reagent Market Forecast by Assay

Japan, Commercial/Private Laboratories, TDM Reagent Market Forecast by Assay

Japan, All Market Segments, Immunoprotein Reagent Market Forecast by Assay

Japan, Hospital Laboratories, Immunoprotein Reagent Market Forecast by Assay

Japan, Commercial/Private Laboratories, Immunoprotein Reagent Market Forecast by Assay

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

Japan, Hospital Laboratories, Drugs of Abuse Reagent Market Forecast by Assay

Japan, Commercial/Private 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: 2024 Japan Clinical Chemistry and Immunodiagnostics Market: Supplier Shares and Sales Segment Forecasts for Over 100 Tests, Competitive Landscape, Emerging technologies, Instrumentation Review

Product link: <https://marketpublishers.com/r/JF3F760A0D4EN.html>

Price: US\$ 3,750.00 (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/JF3F760A0D4EN.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