

# 2017 Japan Clinical Chemistry and Immunodiagnostics Market Future Horizons and Growth Strategies: Instrument and Reagents Supplier Shares, Country Segment Forecasts, Competitive Intelligence, Opportunities

https://marketpublishers.com/r/22CD66AD9C8EN.html

Date: March 2017 Pages: 559 Price: US\$ 6,840.00 (Single User License) ID: 22CD66AD9C8EN

# Abstracts

Complete report \$7,600. DataPack (test volumes, sales forecasts, supplier shares) \$4,900. VPGMarketResearch.com's new report is a strategic analysis of major business opportunities emerging in the Japanese clinical chemistry and immunodiagnostic markets during the nextfive years. 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.



#### **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, product portfolios, marketing tactics, collaborative arrangements and new products in R&D. The companies analyzed in the report include Abbott, AdnaGen, Agilent, Alere, Beckman Coulter/Danaher, Biomedical Diagnostics, bioMerieux, Bio-Rad, DiaSorin, Eiken, Fujirebio/Innogenetics, IL, Kyowa Medex, Ortho-Clinical Diagnostics, Roche, Siemens, Sysmex, Thermo Fisher, Tosoh, Wako, Wallac/PE.

#### **Tests Analyzed in the Report**

Routine Clinical ChemistryAlbumin, Alkaline Phosphatase, ALT/SGPT, Ammonia, Amylase, AST/SGOT, Bilirubin, Bilirubin Direct, Bilirubin Total, BNP, BUN (Blood Urea Nitrogen), Calcium, Carbon Dioxide/Bicarbonate, Cardio CRP, Chloride, Cholesterol, Creatine Kinase (CK), CK-MB, Creatinine, 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 FunctionCortisol, 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 ChemistryAFP, CA 15-3/27-29, CA 19-9, CEA, Ferritin, Follate (Folic Acid), Glycosylated Hemoglobin, HCG, 25-Hydroxy Vitamin D2 and D3, Occult Blood, PAP, PSA, Thyroglobulin, Vitamin B-12.ImmunoproteinsC3, C4, Free Light Chains, Haptoglobin, IgA, IgE Specific, IgE Total, IgG, IgM, Immunofixation, Prealbumin, Protein



Electrophoresis.Drugs of AbuseAmphetamines, Barbiturates, Benzodiazepines, Cannabinoids/Marijuana, Cocaine, LSD, Methadone, Methaqualone, Opiates, Phencyclidine (PCP), Propoxyphene, Tricyclic Antidepressants.

#### **Market Segmentation Analysis**

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

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

Hospitals

Commercial/Private Laboratories

Physician Offices/Group Practices

Ambulatory Care Centers

#### **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.



Contains 559 pages and 103 table



# Contents

## I. INTRODUCTION

## II. WORLDWIDE 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. WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

- A. Major Routine Chemistry Tests
  - 1. ALBUMIN
  - 2. ALKALINE PHOSPHATASE
  - 3. ALT/SGPT
  - 4. AMMONIA
  - 5. AMYLASE

2017 Japan Clinical Chemistry and Immunodiagnostics Market Future Horizons and Growth Strategies: Instrument a...



- 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. TRICYCLIC ANTIDEPRESSANTS

G. Clinical Chemistry and Immunodiagnostic Instrumentation Review: operating characteristics and features of high-, medium-, and low-volume/POC analyzersH. Major Cliinical 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 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/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: 2017 Japan Clinical Chemistry and Immunodiagnostics Market Future Horizons and Growth Strategies: Instrument and Reagents Supplier Shares, Country Segment Forecasts, Competitive Intelligence, Opportunities

Product link: https://marketpublishers.com/r/22CD66AD9C8EN.html

Price: US\$ 6,840.00 (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/22CD66AD9C8EN.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