

2021-2025 POC Diagnostic Testing Market: Unmet Needs, Supplier Shares and Strategies, Segment Volume and Sales Forecasts for 300 Tests, Emerging Technologies and Trends, Instrumentation Pipeline, Growth Opportunities

<https://marketpublishers.com/r/2E928BED2C2AEN.html>

Date: October 2021

Pages: 1230

Price: US\$ 14,500.00 (Single User License)

ID: 2E928BED2C2AEN

Abstracts

This new 1,230-page report from LeadingMarketResearch.com contains 343 tables, and provides a comprehensive analysis of the 10 major POC market segments, including their dynamics, size, growth, regulatory requirements, technological trends, competitive landscape, and emerging opportunities for instrument and consumable suppliers. This report will help diagnostic product suppliers develop effective business, R&D and marketing strategies.

The report is available by section, and can be customized to specific information needs and budget.

Rationale

The growing economic pressures on hospitals, coupled with advances in diagnostic technologies, intensifying competition among suppliers and physicians, and changing consumer demands are shifting diagnostic testing from hospitals and commercial laboratories closer to the patient.

Market Segmentation Analysis

Review of the 10 major POC market segments, including their dynamics, trends, structure, size, growth and major suppliers.

Five-year test volume and reagent sales forecasts for over 300 chemistry, immunodiagnostic, microbiology, hematology and coagulation procedures by market segment:

Home/Personal Testing

Physician Offices/Group Practices

Emergency Rooms

Operating/Recovery Suites

ICUs/CCU

Cancer Clinics

Ambulatory Care Centers

Surgery Centers

Nursing Homes

Birth Centers and by test category:

Routine and Special Chemistry

Microbiology/Infectious Diseases

Hematology

Flow Cytometry

Coagulation

Immunoproteins

Drugs of Abuse

TDM

Endocrine Function

Tumor Markers

Sales and Market Share Analysis

Sales and market shares of major reagent and instrument suppliers.

Current and Emerging Products

Analysis of over 130 diagnostic procedures.

Review of leading chemistry, immunoassay, hematology and coagulation analyzers, both currently marketed and those in development, including their operating characteristics, features and selling prices.

Technology Review

Emerging technologies and their applications for POC testing.

Comprehensive listings of companies developing or marketing POC diagnostic technologies and products, by test.

Competitive Assessments

Assessments of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, joint ventures, and new products in R&D.

Strategic Recommendations

Specific opportunities for new POC instruments and reagent systems with potentially significant market appeal during the next five years.

Design criteria for POC testing products.

Alternative business expansion strategies.

Potential market entry barriers and risks.

Methodology

This report is based on a combination of primary and secondary sources of information, including review of recent technical and business publications, manufacturer product literature, industry analyst reports, and LeadingMarketResearch.com's proprietary data files.

Contains 1,230 pages and 343 tables

Contents

INTRODUCTION

EXECUTIVE SUMMARY

RATIONALE FOR TESTING DECENTRALIZATION

- &nbsop;&nbsop;1. Overview
- &nbsop;&nbsop;2. Regulatory Trends
- &nbsop;&nbsop;3. Economic Trends
- &nbsop;&nbsop;4. Demographic Trends
- &nbsop;&nbsop;5. Technological Trends
- &nbsop;&nbsop;6. Social Trends
- &nbsop;&nbsop;7. Quality of Care
- &nbsop;&nbsop;8. Defensive Medicine
- &nbsop;&nbsop;9. Quality Control Issues

WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

- A. Major Routine Chemistry Tests
 - &nbsop;&nbsop;1. Albumin
 - &nbsop;&nbsop;2. Alkaline Phosphatase
 - &nbsop;&nbsop;3. ALT/SGPT
 - &nbsop;&nbsop;4. Ammonia
 - &nbsop;&nbsop;5. Amylase
 - &nbsop;&nbsop;6. AST/SGOT
 - &nbsop;&nbsop;7. Bilirubin
 - &nbsop;&nbsop;8. Blood Gases
 - &nbsop;&nbsop;9. Blood Urea Nitrogen (BUN)
 - &nbsop;&nbsop;10. Calcium
 - &nbsop;&nbsop;11. Cholesterol
 - &nbsop;&nbsop;12. Cholinesterase
 - &nbsop;&nbsop;13. Creatinine
 - &nbsop;&nbsop;14. Electrolytes
 - &nbsop;&nbsop;&nbsop;&nbsop;a. Carbon Dioxide/Bicarbonate
 - &nbsop;&nbsop;&nbsop;&nbsop;b. Chloride
 - &nbsop;&nbsop;&nbsop;&nbsop;c. Potassium
 - &nbsop;&nbsop;&nbsop;&nbsop;d. Sodium

- &nbsop;&nbsop;15. Ferritin
- &nbsop;&nbsop;16. Folate/Folic Acid
- &nbsop;&nbsop;17. Fructosamine
- &nbsop;&nbsop;18. Gamma-Glutamyl Transpeptidase (GGT)
- &nbsop;&nbsop;19. Glucose
- &nbsop;&nbsop;20. High Density Lipoprotein (HDL)
- &nbsop;&nbsop;21. Iron
- &nbsop;&nbsop;22. Lactate Dehydrogenase (LDH)
- &nbsop;&nbsop;23. Magnesium
- &nbsop;&nbsop;24. Phosphorus
- &nbsop;&nbsop;25. Protein
- &nbsop;&nbsop;26. Triglycerides
- &nbsop;&nbsop;27. Troponin
- &nbsop;&nbsop;28. Uric Acid
- &nbsop;&nbsop;29. Urinalysis
- &nbsop;&nbsop;30. Vitamin B12

Infectious Disease Tests

- &nbsop;&nbsop;1. AIDS
- &nbsop;&nbsop;2. Adenovirus
- &nbsop;&nbsop;3. Campylobacter
- &nbsop;&nbsop;4. Candida
- &nbsop;&nbsop;5. Chlamydia
- &nbsop;&nbsop;6. Clostridium Difficile
- &nbsop;&nbsop;7. Cytomegalovirus
- &nbsop;&nbsop;8. Enteroviruses
- &nbsop;&nbsop;9. Epstein-Barr Virus
- &nbsop;&nbsop;10. Gonorrhea
- &nbsop;&nbsop;11. Helicobacter Pylori
- &nbsop;&nbsop;12. Hepatitis
 - &nbsop;&nbsop;&nbsop;&nbsop;a. Hepatitis A
 - &nbsop;&nbsop;&nbsop;&nbsop;b. Hepatitis B
 - &nbsop;&nbsop;&nbsop;&nbsop;c. Hepatitis C
 - &nbsop;&nbsop;&nbsop;&nbsop;d. Hepatitis D
- &nbsop;&nbsop;13. Herpes Simplex Virus
- &nbsop;&nbsop;14. Human Herpes Virus-6 (HHV-6)
- &nbsop;&nbsop;15. Influenza Viruses
- &nbsop;&nbsop;16. Legionella
- &nbsop;&nbsop;17. Lyme Disease
- &nbsop;&nbsop;18. Measles (Rubeola)

- &nbsop;&nbsop;19. Meningitis
- &nbsop;&nbsop;20. Mononucleosis
- &nbsop;&nbsop;21. Mumps
- &nbsop;&nbsop;22. Mycoplasma
- &nbsop;&nbsop;23. Papillomaviruses
- &nbsop;&nbsop;24. Pneumonia
- &nbsop;&nbsop;25. Respiratory Syncytial Virus (RSV)
- &nbsop;&nbsop;26. Rheumatoid Arthritis
- &nbsop;&nbsop;27. Rotavirus (Reovirus)
- &nbsop;&nbsop;28. Rubella (German Measles)
- &nbsop;&nbsop;29. Salmonellosis
- &nbsop;&nbsop;30. Shigellosis
- &nbsop;&nbsop;31. Staphylococcus Aureus
- &nbsop;&nbsop;32. Streptococci
- &nbsop;&nbsop;33. Syphilis

Tumor Markers

- &nbsop;&nbsop;1. Alpha-Fetoprotein (AFP)
- &nbsop;&nbsop;2. Carcinoembryonic Antigen (CEA)
- &nbsop;&nbsop;3. Occult Blood
- &nbsop;&nbsop;4. Prostatic Acid Phosphatase (PAP)
- &nbsop;&nbsop;5. Prostate-Specific Antigen (PSA)

Major Routine and Special Hematology Tests

- &nbsop;&nbsop;1. CBC Analysis
 - &nbsop;&nbsop;&nbsop;&nbsop;a. Hemoglobin Concentration
 - &nbsop;&nbsop;&nbsop;&nbsop;b. Hematocrit Determination
 - &nbsop;&nbsop;&nbsop;&nbsop;c. Red Blood Cell Count
 - &nbsop;&nbsop;&nbsop;&nbsop;d. Platelets

Endocrine Function Tests

- &nbsop;&nbsop;1. Cortisol
- &nbsop;&nbsop;2. Follicle-Stimulating Hormone (FSH)
- &nbsop;&nbsop;3. Gastrin
- &nbsop;&nbsop;4. Human Chorionic Gonadotropin (HCG)
- &nbsop;&nbsop;5. LH
- &nbsop;&nbsop;6. Prolactin
- &nbsop;&nbsop;7. T3
- &nbsop;&nbsop;8. T3 Uptake
- &nbsop;&nbsop;9. Free T3
- &nbsop;&nbsop;10. Thyroxine (T4)
- &nbsop;&nbsop;11. Free T4

&nbsop;&nbsop;12. TBG

&nbsop;&nbsop;13. TSH

Therapeutic Drug Monitoring (TDM)

&nbsop;&nbsop;1. Overview

&nbsop;&nbsop;2. Carbamazepine

&nbsop;&nbsop;3. Digoxin

&nbsop;&nbsop;4. Gentamicin

&nbsop;&nbsop;5. Lidocaine

&nbsop;&nbsop;6. Lithium

&nbsop;&nbsop;7. Phenytoin/Dilantin

&nbsop;&nbsop;8. Procainamide

&nbsop;&nbsop;9. Quinidine

&nbsop;&nbsop;10. Theophylline

&nbsop;&nbsop;11. Valproic Acid Coagulation Tests

&nbsop;&nbsop;1. Introduction

&nbsop;&nbsop;2. Activated Partial Thromboplastin Time (APTT)

&nbsop;&nbsop;3. Alpha-2 Antiplasmin

&nbsop;&nbsop;4. Antithrombin III

&nbsop;&nbsop;5. Bleeding Time

&nbsop;&nbsop;6. D-Dimer

&nbsop;&nbsop;7. Factor VIII

&nbsop;&nbsop;8. Fibrin Degradation Products

&nbsop;&nbsop;9. Fibrinogen

&nbsop;&nbsop;10. Heparin

&nbsop;&nbsop;11. Proteins C and S

&nbsop;&nbsop;12. Prothrombin Time (PT)

&nbsop;&nbsop;13. Thrombin Time

Immunoprotein Tests

&nbsop;&nbsop;1. CRP

&nbsop;&nbsop;2. Immunoglobulins

Drugs of Abuse

&nbsop;&nbsop;1. Overview

&nbsop;&nbsop;2. Test Methodologies

&nbsop;&nbsop;3. Amphetamines

&nbsop;&nbsop;4. Barbiturates

&nbsop;&nbsop;5. Benzodiazepines

&nbsop;&nbsop;6. Cannabinoids/Marijuana

&nbsop;&nbsop;7. Cocaine

&nbsop;&nbsop;8. Lysergic Acid Diethylamide (LSD)

&nbsop;&nbsop;9. Methadone

&nbsop;&nbsop;10. Methaqualone

&nbsop;&nbsop;11. Opiates

&nbsop;&nbsop;12. Phencyclidine

Instrumentation

&nbsop;&nbsop;1. Chemistry Analyzers

&nbsop;&nbsop;2. Hematology Analyzers

&nbsop;&nbsop;3. Coagulation Analyzers

Current and Emerging Technologies

&nbsop;&nbsop;1. Monoclonal Antibodies

&nbsop;&nbsop;2. Immunoassays

&nbsop;&nbsop;&nbsop;&nbsop;a. Technological Principle

&nbsop;&nbsop;&nbsop;&nbsop;b. Enzyme Immunoassays (EIA)

Overview

ELISA

Dot Immunobinding Assays

Capillary Immunoassays

Particle-Membrane Capture Immunoassay

Enzyme Amplification

&nbsop;&nbsop;&nbsop;&nbsop;c. Fluorescent Immunoassays

Fluorescent Polarization

Time-Resolved Pulse Fluorescence

&nbsop;&nbsop;&nbsop;&nbsop;d. Luminescence

Chemiluminescence

Bioluminescence

&nbsop;&nbsop;&nbsop;&nbsop;e. Latex Agglutination

&nbsop;&nbsop;&nbsop;&nbsop;f. Immunoprecipitation

&nbsop;&nbsop;3. Dry Chemistry

&nbsop;&nbsop;4. Biosensors

&nbsop;&nbsop;5. IT and Automation

&nbsop;&nbsop;6. Molecular Diagnostics

&nbsop;&nbsop;&nbsop;&nbsop;a. Technology Overview

&nbsop;&nbsop;&nbsop;&nbsop;b. Amplification Methods

Polymerase Chain Reaction

Ligase Chain Reaction

Branched DNA

Q-Beta Replicase

Strand Displacement Activation

Self-Sustained Sequence Replicase

&nbsop;&nbsop;&nbsop;&nbsop;a. Emergency Departments
&nbsop;&nbsop;&nbsop;&nbsop;b. Operating Suites
&nbsop;&nbsop;&nbsop;&nbsop;c. Intensive Care Units
&nbsop;&nbsop;2. Emergency Departments
&nbsop;&nbsop;&nbsop;&nbsop;a. Market Summary
&nbsop;&nbsop;&nbsop;&nbsop;b. Test volume and Sales Forecasts
&nbsop;&nbsop;3. Operating and Recovery Suites
&nbsop;&nbsop;&nbsop;&nbsop;a. Market Summary
&nbsop;&nbsop;&nbsop;&nbsop;b. Test Volume and Sales Forecasts
&nbsop;&nbsop;4. ICUs/CCUs
&nbsop;&nbsop;&nbsop;&nbsop;a. Market Summary
&nbsop;&nbsop;&nbsop;&nbsop;b. Test Volume and Sales Forecasts
E. Cancer Clinics
&nbsop;&nbsop;1. Introduction
&nbsop;&nbsop;2. Market Summary
&nbsop;&nbsop;3. Test Volume and Sales Forecasts
F. Ambulatory Care Centers
&nbsop;&nbsop;1. Introduction
&nbsop;&nbsop;2. Market Summary
&nbsop;&nbsop;3. Market Structure
&nbsop;&nbsop;4. Test Volume and Sales Forecasts
G. Surgery Centers
&nbsop;&nbsop;1. Introduction
&nbsop;&nbsop;2. Market Summary
&nbsop;&nbsop;3. Market Structure
&nbsop;&nbsop;4. Test Volume and Sales Forecasts
H. Nursing Homes
&nbsop;&nbsop;1. Introduction
&nbsop;&nbsop;2. Market Summary
&nbsop;&nbsop;3. Market Structure
&nbsop;&nbsop;4. Test Volume and Sales Forecasts

I. BIRTH CENTERS

&nbsop;&nbsop;1. Introduction
&nbsop;&nbsop;2. Market Summary
&nbsop;&nbsop;3. Market Structure
&nbsop;&nbsop;4. Test Volume and Sales Forecasts
J. Major Suppliers' Instrument Placements, Installed Base, Consumables Sales and

Market Shares

GERMANY

- A. Market Overview
- B. Market Structure
- C. Market Summary
- D. Test Volume and Sales Forecasts
- E. Major Suppliers' Instrument Placements, Installed Base, Consumables Sales and Market Shares

SPAIN

- A. Business Environment
- B. Market Structure
- C. Market Summary
- D. Test Volume and Sales Forecasts
- E. Major Suppliers' Instrument Placements, Installed Base, Consumables Sales and Market Shares

MAJOR PRODUCT DEVELOPMENT OPPORTUNITIES

- A. Routine and Special Chemistry
- B. Microbiology/Infectious Diseases
- C. Hematology and Flow Cytometry
- D. Coagulation

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

COMPANY PROFILE

Abbott
Agilent Technologies
Beckman Coulter/Cepheid/Danaher
Becton Dickinson
Bio/Data
bioMerieux
Bio-Rad
Chrono-Log
Corgenix
Decode Genetics
Diagnostica Stago
Diamedix
Diasorin
Eiken Chemical
EKF Diagnostics
Fujirebio
Grifols
Helena Laboratories
Hologic/Gen-Probe
Horiba
Instrumentation Laboratory
Kyowa Medex
Leica Biosystems/Kreatech

Lonza
Nihon Kohden
Ortho-Clinical Diagnostics/Carlyle Group
Polymedco
Qiagen
Roche
SDIX
Sekisui Diagnostics
Sequenom
Siemens Healthineers
Sienco
Sysmex
Takara Bio
Thermo Fisher
Tosoh
Wako

I would like to order

Product name: 2021-2025 POC Diagnostic Testing Market: Unmet Needs, Supplier Shares and Strategies, Segment Volume and Sales Forecasts for 300 Tests, Emerging Technologies and Trends, Instrumentation Pipeline, Growth Opportunities

Product link: <https://marketpublishers.com/r/2E928BED2C2AEN.html>

Price: US\$ 14,500.00 (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 <https://marketpublishers.com/r/2E928BED2C2AEN.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