

2016-2020 Diagnostic Testing in Ancillary Hospital Locations (ER, OR, ICU): Supplier Shares, Volume and Sales Forecasts for 300 Tests

<https://marketpublishers.com/r/227EFB9318EEN.html>

Date: March 2016

Pages: 973

Price: US\$ 10,000.00 (Single User License)

ID: 227EFB9318EEN

Abstracts

This 973-page report contains 153 tables and provides comprehensive analysis of the diagnostic testing markets outside the main hospital laboratory (ERs, ORs, and ICUs). The report includes analysis of the market dynamics, size, growth, regulatory requirements, technological trends, competitive landscape, and emerging opportunities for instrument and consumable suppliers. We trust, this report will help diagnostic products suppliers develop more effective business, R&D and marketing strategies.

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 closer to the patient.

Market Segmentation Analysis

Review of the ER, OR and ICU market segments, including their dynamics, trends, structure, size, growth and major suppliers. - Five-year test volume and sales forecasts for over 300 chemistry, immunodiagnostic, microbiology, hematology and coagulation procedures by market segment:- Emergency Rooms - Operating/Recovery Suites- ICUs/CCUs and 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 POC 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 ten 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 VPGMarketResearchs proprietary data files.

Contains 973 pages and 153 tables

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WORLDWIDE MARKET AND TECHNOLOGY OVERVIEW

MAJOR ROUTINE CHEMISTRY TESTS

1. Albumin
2. Alkaline Phosphatase
3. ALT/SGPT
4. Ammonia
5. Amylase
6. AST/SGOT
7. Bilirubin
8. Blood Gases
9. Blood Urea Nitrogen (BUN)
10. Calcium
11. Cholesterol
12. Cholinesterase
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 - a. Carbon Dioxide/Bicarbonate
 - b. Chloride
 - c. Potassium
 - d. Sodium
15. Ferritin

16. Folate/Folic Acid
17. Fructosamine
18. Gamma-Glutamyl Transpeptidase (GGT)
19. Glucose
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29. Urinalysis
30. Vitamin B12

INFECTIOUS DISEASE TESTS

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

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

TUMOR MARKERS

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

MAJOR ROUTINE AND SPECIAL HEMATOLOGY TESTS

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ENDOCRINE FUNCTION TESTS

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4. Human Chorionic Gonadotropin (HCG)

5. LH
6. Prolactin
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9. Fibrinogen
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INSTRUMENTATION

1. Chemistry Analyzers Manufactured by:

Abaxis

Abbott

Alfa Wassermann

Awareness Technologies

Beckman Coulter/Danaher

bioMeriuex

Carolina Chemistries

Horiba

Inverness

Medica

Nova Biomedical

Ortho-Clinical Diagnostics

Polimedco

Randox

Roche

2. Hematology Analyzers Manufactured by:

Abbott
Becton Dickinson
Beckman Coulter/Danaher
Biocode
Drew-Scientific
Diesse Ves Matic
Horiba
Menarini
Nihon Kohden
Polymedco
Sysmex

3. Coagulation Analyzers Manufactured by:

Behnk Elektronik
Bio/Data
Cardiovascular Diagnostics
Diagnostica Stago
Helena Laboratories
Instrumentation Laboratory
ITC Hemochron
Roche
Siemens
Sysmex
Teco Medical Instruments
Trinity Biotech

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U.S.A.

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- B. Microbiology/Infectious Diseases
- C. Hematology and Flow Cytometry
- D. Coagulation

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- B. Cost Containment
- C. Competition
- D. Technological Edge and Limitations
- E. Patent Protection
- F. Regulatory Constraints
- G. Decentralized Testing Market Challenges

COMPANY PROFILE

Abbott
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Agilent Technologies
Alere/Biosite/Inverness
Axis-Shield
Beckman Coulter/Danaher
Becton Dickinson
Bio/Data
Biomerieux
Bio-Rad
Cepheid
Chrono-Log
Corgenix
Decode Genetics
Diadexus
Diagnocure
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Diasorin
Eiken Chemical
EKF Diagnostics
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