

# **2016-2020 Emerging Opportunities in the US Critical Care Diagnostic Testing Market/Ancillary Hospital Locations (ER, OR, ICU): Supplier Shares, Competitive Strategies, Test Volume and Sales Segment Forecasts, Innovative Technologies, Instrumentation Review**

<https://marketpublishers.com/r/2D6C9325BABEN.html>

Date: March 2016

Pages: 973

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

ID: 2D6C9325BABEN

## **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 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 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 VPGMarketResearch's proprietary data files.

Contains 973 pages and 153 tables

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8. Defensive Medicine
9. Quality Control Issues

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2. Alkaline Phosphatase
3. ALT/SGPT
4. Ammonia
5. Amylase
6. AST/SGOT
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#### Tumor Markers

1. Alpha-Fetoprotein (AFP)
2. Carcinoembryonic Antigen (CEA)
3. Occult Blood
4. Prostatic Acid Phosphatase (PAP)
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- Awareness Technologies
- Beckman Coulter/Danaher
- bioMeriux
- 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  
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- D. Coagulation

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ADI/American Diagnostica  
Agilent Technologies  
Alere/Biosite/Inverness  
Axis-Shield  
Beckman Coulter/Danaher  
Becton Dickinson  
Bio/Data  
Biomerieux  
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Corgenix  
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Diagnostica Stago/Trinity Biotech  
Diamedix  
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Grifols  
Helena Laboratories  
Hologic/Gen-Probe  
Horiba  
Instrumentation Laboratory  
International Technidyne/Nexus DX  
Kreatech/Leica  
Kyowa Medex  
Lonza  
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Matritech  
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