

# 2016-2020 New Frontiers in the US Critical Care (ER, OR, ICU) Diagnostic Testing Market: Business Challenges, Emerging Technologies, Competitive Landscape

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## Abstracts

VPGMarketResearchs new report provides comprehensive analysis of POC market segments, including their dynamics, size, growth, regulatory requirements, technological trends, competitive landscape, and emerging opportunities for instrument and consumable suppliers.

### 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

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

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

Emergency Rooms

Operating/Recovery Suites

ICUs/CCUs 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 Tests and Instrumentation**

Analysis of over 130 diagnostic procedures.

Review of leading chemistry, immunoassay, hematology and coagulation analyzers market by Abaxis, Abbott, Alfa Wasserman, Awareness Technologies, Beckman Coulter/Danaher, Becton Dickinson, Behnk Elektronik, Biocode, Bio/Data, bioMerieux, Cardiovascular Diagnostics, Carolina Chemistries, Diagnostica Stago, Diesse Ves Matic, Drew-Scientific, Helena Laboratories, Horiba, Instrumentation Laboratory, Inverness, ITC Hemochron, Medica, Menarini, Nihon Kohden, Nova Biomedical, Ortho-Clinical Diagnostics, Polymedco, Randox, Roche, Siemens, Sysmex, Teco Medical Instruments, Trinity Biotech, and other suppliers.

## **Technology Review**

Emerging technologies and their applications for POC testing.

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

## **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.

## **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.

The companies analyzed in the report include:

Abbott

ADI/American Diagnostica

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

Diagnostica Stago/Trinity Biotech

Diamedix/Erba

Diasorin

Eiken Chemical

EKF Diagnostics

Fujirebio

Grifols

Helena Laboratories

Hologic/Gen-Probe

Horiba

Instrumentation Laboratory

International Technidyne/Nexus DX

Kreatech/Leica

Kyowa Medex

Lonza

Mackay Life Sciences

Matritech

Nihon Kohden

Ortho-Clinical Diagnostics

Polartechnics

Polymedco

Qiagen

Roche

SDIX

Sequenom

Siemens

Sienco

Sysmex

Takara Bio

Thermo Fisher

Tosoh

Wako

Zycare/Alere

## **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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  - 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  
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Trinity Biotech

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## **COMPANY PROFILE**

Abbott  
ADI/America Diagnostica  
Agilent Technologies  
Axis-Shield  
Beckman Coulter/Danaher  
Becton Dickinson  
Bio/Data  
Biomerieux  
Bio-Rad  
Biosite/Inverness/Alere  
Cepheid  
Chrono-Log  
Corgenix  
Decode  
Diadexus

Diagnocure  
Diagnostica Stago/Trinity Biotech  
Diamedix  
Diasorin  
Eiken Chemical  
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Kyowa Medex  
Lonza  
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