

# 2018 Critical Care Diagnostic Testing Market: Reagent and Instrument Supplier Shares, Sales Segment Forecasts for 300 Tests, Emerging Technologies, Instrumentation Review, Competitive Landscape, Opportunities for Suppliers

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## Abstracts

VPGMarketResearch's 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

Accriva

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

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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### INTRODUCTION

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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)
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## **MAJOR ROUTINE AND SPECIAL HEMATOLOGY TESTS**

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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

Teco Medical Instruments

Trinity Biotech

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Overview

ELISA

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Capillary Immunoassays

Particle-Membrane Capture Immunoassay

Enzyme Amplification

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Fluorescent Polarization

Time-Resolved Pulse Fluorescence

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Chemiluminescence

Bioluminescence

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f. Immuno

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3. Operating and Recovery Suites
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## **COMPANY PROFILE**

Abbott  
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Polymedco  
Qiagen  
Roche  
SDIX  
Sequenom  
Siemens  
Sienco  
Sysmex  
Takara Bio  
ThermoFisher/Life Technologies  
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