

# 2016-2020 World Antithrombin III Testing Market: Ambulatory Centers, Commercial Labs, Hospitals, Physician Offices, POC/Point-of-Care Locations-Competitive Landscape, Country Segment Forecasts, Innovative Technologies, Instrumentation Review

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# Abstracts

The growing cost-containment pressures in major industrialized nations and continued technological advances will radically change coagulation testing practice during the next ten years. New specific and sensitive markers of hemostasis will be increasingly used on automated instrumentation. Coagulation testing in general, and AT III testing specifically, will become more standardized, offering opportunities for quality control products and services. Moreover, the continuing contraction of the hospital system and technological advances will facilitate decentralization of the AT III testing closer to the patient, creating additional opportunities and challenges for suppliers. This report presents a detailed analysis of the AT III testing market in the US, Europe (France, Germany, Italy, Spain, UK) and Japan, including clinical significance and current laboratory practice, as well as 5- and 10-year test volume forecasts by country and market segment. The report examines market applications of chromogenic substrates, monoclonal antibodies, immunoassays, IT, DNA probes, biochips/microarrays, and other technologies; reviews features and operating characteristics of automated analyzers; profiles leading suppliers and recent market entrants developing innovative technologies and products; and identifies alternative market penetration strategies and entry barriers/risks.

Contains 197 pages and 8 tables



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Introduction

Benk Hemolab Benk TRT Thrombotimer

- Bio/Data MCA
- Bio/Data MCA
- Bio/Data PAP-4C D/4D/4C
- Cardiovascular Diagnostics COAG
- Diagnostica Stago STA Compact
- Diagnostica Stago STA-R
- Diagnostica Stago Star 4/8
- Helena Laboratories Cascade
- Helena Laboratories Cascade M
- Helena Laboratories PACKS-4
- Helena THOR
- Instrumentation Laboratory ACL 10 and 100 series
- Instrumentation Laboratory ACL6000
- Instrumentation Laboratory ACL7000
- Instrumentation Laboratory ACL9000
- Instrumentation Laboratory Electra 1000C
- Instrumentation Laboratory Electra 1400C
- Instrumentation Laboratory Electra 1600/C
- Instrumentation Laboratory Electra 1800C
- Instrumentation Laboratory Futura
- ITC Hemochron 8000
- Roche Diagnostics CoaguChek
- Siemens BCS
- Siemens BCT
- Siemens BF II/Fibrintimer Series
- Sysmex CA-50



Sysmex CA-500 Sysmex CA-1500 Sysmex CA-5000/CA-1000 Sysmex CA-6000 Sysmex CA-7000 Teco Coatron II/Jr./AccuStasis 5000 Trinity Biotech Amax CS190 Trinity Biotech Amax CS400 Trinity Biotech Coag-A-Mate Max Trinity Biotech KC 40, 4A, 1A Series **Trinity Biotech MDA** Trinity Biotech Coag-A-Mate MTX Trinity Biotech Coag-A-Mate RA4 Trinity Biotech Coag-A-Mate XC/Plus Trinity Biotech Coag-A-Mate XM D. Major in Vitro Diagnostic Technologies and Their Potential Applications 1. Chromogenic Substrates 2. Monoclonal and Polyclonal Antibodies 3. Immunoassays a. Applications b. Technological Principle c. Enzyme Immunoassays (EIA)

Overview

ELISA

EMIT

Dot Immunobinding Assays

Capillary Immunoassays

- **Enzyme Amplification**
- Electrochemical Immunoassay
- d. Fluorescent Immunoassays

**Fluorescence Polarization** 

Time-Resolved Pulse Fluorescence

Fluorescence Lifetime

- e. Latex Agglutination
- f. Immunoprecipitation
- 4. Microcomputers
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Branched DNA
Q-Beta Replicase
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SDA
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Thermo Fischer Trinity Biotech ZyCare



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