



MEDICAL DEVICES



PHARMACEUTICALS



CHEMICALS



FOOD & BEVERAGE



ELECTRONICS

Table of Contents and List of Tables

Copyright VENTURE PLANNING GROUP
This material is confidential for use by our clients only
and may not be reprinted or reproduced.

VPG Publications, Consulting, Clients ***www.VPGcorp.com***

VPG Market Research Reports ***www.VPGMarketResearch.com***

Partner Reports ***www.LeadingMarketResearch.com***

VENTURE PLANNING GROUP 1271 Avenue of the Americas, Suite 4300 New York, NY 10020
Phone + 1 212 564 2838 Fax + 1 212 564 8133 ***reports@vpgcorp.com***

Table of Contents

I. Introduction

II. Worldwide Market Overview

III. Major Product Development Opportunities

IV. Design Criteria for Decentralized Testing Products

V. Alternative Market Penetration Strategies

VI. Potential Market Entry Barriers and Risks

VII. Market and Technology Overview

A. Major Routine and Special Coagulation Tests

1. Introduction
2. Activated Partial Thromboplastin Time (APTT)
3. Alpha-2 Antiplasmin
4. Antithrombin III
5. Bleeding Time
6. D-Dimer
7. Ethanol Flocculation Test
8. Euglobulin Lysis
9. Factor Assays
 - a. Introduction
 - b. Factor II
 - c. Factor V/Factor V Leiden
 - d. Factor VII
 - e. Factor VIII
 - f. Factor IX
 - g. Factor IXa
 - h. Factor X (Stuart Factor)
 - i. Factor Xa
 - j. Factor XI
 - k. Factor XII
 - l. Factor XIII
10. Fibrin Degradation Products
11. Fibrinogen
12. Heparin
13. Hirudin
14. Hypercoagulability and Thrombosis
15. Lipoprotein a
16. Plasmin
17. Plasminogen

Table of Contents (continued)

18. Plasminogen Activator Inhibitor (PAI)
19. Platelet Function Tests
20. Platelet Aggregation
21. Proteins C and S
22. Prothrombin Fragment 1.2
23. Prothrombin Time (PT)
24. Reptilase Time
25. Thrombin Time
26. Tissue-Type Plasminogen Activator (t-PA)
27. Von Willebrand's Factor

B. Coagulation Instrumentation Review: Centralized
and POC Testing Analyzers

C. Major Coagulation Testing Technologies
and Their Potential Applications

VIII. Country Market Analyses: Market Size, Reagent and Instrument Sales Forecasts, Volume Projections for 40 Procedures, Supplier Sales and Market Shares

- Australia
- Austria
- Belgium
- Bulgaria
- Canada
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy
- Japan
- Latvia
- Lithuania
- Malta
- Netherlands
- Norway
- Poland
- Portugal

Table of Contents (continued)

- Romania
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- UK
- US

IX. Competitive Assessments

- Abbott
- ADI/American Diagnostica
- Alere/Biosite/Inverness
- Axis-Shield
- Beckman Coulter/Danaher
- Becton Dickinson
- Bio/Data Corporation
- Chrono-Log
- Corgenix Medical
- Diagnostica Stago/Trinity Biotech
- Grifols
- Helena Laboratories
- HYPEN BioMed
- Instrumentation Laboratory
- ITC
- Roche
- Siemens
- Sienco
- Sysmex
- Thermo Fisher
- ZyCare/Alere

List of Tables

Australia Coagulation Test Volume
Forecasts by Procedure

Australia Coagulation Diagnostics Market
by Product Category

Austria Coagulation Test Volume
Forecasts by Procedure

Austria Coagulation Diagnostics Market
by Product Category

Belgium Coagulation Test Volume
Forecasts by Procedure

Belgium Coagulation Diagnostics Market
by Product Category

Bulgaria Coagulation Test Volume
Forecasts by Procedure

Bulgaria Coagulation Diagnostics Market
by Product Category

Canada Coagulation Test Volume
Forecasts by Procedure

Canada Coagulation Diagnostics Market
by Product Category

Cyprus Coagulation Test Volume
Forecasts by Procedure

Cyprus Coagulation Diagnostics Market
by Product Category

Czech Republic Coagulation Test Volume
Forecasts by Procedure

Czech Republic Coagulation Diagnostics
Market by Product Category

Denmark Coagulation Test Volume
Forecasts by Procedure

List of Tables (continued)

Denmark Coagulation Diagnostics Market
by Product Category

Estonia Coagulation Test Volume
Forecasts by Procedure

Estonia Coagulation Diagnostics Market
by Product Category

Finland Coagulation Test Volume
Forecasts by Procedure

Finland Coagulation Diagnostics Market
by Product Category

France Executive Summary Table:
Total Coagulation Diagnostics
Market by Market Segment and Product Category

France, Laboratories Performing Coagulation
Tests by Market Segment

France, Hospital Laboratories Performing
Coagulation Tests by Bed Size

France, Commercial/Private Laboratories
Performing Coagulation Tests by
Annual Test Volume

France, Hospital Laboratories Average
Daily Test Volume

France, Commercial/Private Laboratories
Average Daily Test Volume

France, Total Coagulation Test Volume
by Market Segment

France, All Market Segments
Coagulation Test Volume

France, Hospital Laboratories
Coagulation Test Volume

List of Tables (continued)

France, Commercial/Private Laboratories
Coagulation Test Volume

France, Coagulation Reagent Market
by Market Segment

France, Major Suppliers of Coagulation Reagents
Estimated Sales and Market Shares

France, Coagulation Instrument Market
by Market Segment

France, Major Suppliers of
Coagulation Analyzers, Estimated
Instrument Sales and Market Shares

France, Total Coagulation Diagnostics
Market by Product Category

France, Major Suppliers of Coagulation
Diagnostic Products, Estimated Sales
and Market Shares

Germany Executive Summary Table:
Total Coagulation Diagnostics Market
by Market Segment and Product Category

Germany, Laboratories Performing Coagulation
Tests by Market Segment

Germany, Hospital Laboratories Performing
Coagulation Tests by Bed Size

Germany, Commercial/Private Laboratories
Performing Coagulation Tests by
Annual Test Volume

Germany, Hospital Laboratories Average
Daily Test Volume

Germany, Commercial/Private Laboratories
Average Daily Test Volume

Germany, Physician Offices/Group Practice
Average Daily Test Volume

List of Tables (continued)

Germany, Total Coagulation Test Volume
by Market Segment

Germany, All Market Segments
Coagulation Test Volume

Germany, Hospital Laboratories
Coagulation Test Volume

Germany, Commercial/Private Laboratories
Coagulation Test Volume

Germany, Physician Offices/Group Practices
Coagulation Test Volume

Germany, Coagulation Reagent Market
by Market Segment

Germany, Major Suppliers of Coagulation Reagents,
Estimated Sales and Market Shares

Germany, Coagulation Instrument Market
by Market Segment

Germany, Major Suppliers of Coagulation Analyzers,
Estimated Instrument Sales and Market Shares

Germany, Total Coagulation Diagnostics
Market by Product Category

Germany, Major Suppliers of Coagulation
Diagnostic Products, Estimated Sales
and Market Shares

Greece Coagulation Test Volume
Forecasts by Procedure

Greece Coagulation Diagnostics Market
by Product Category

Hungary Coagulation Test Volume
Forecasts by Procedure

Hungary Coagulation Diagnostics Market
by Product Category

List of Tables (continued)

Iceland Coagulation Test Volume
Forecasts by Procedure

Iceland Coagulation Diagnostics Market
by Product Category

Ireland Coagulation Test Volume
Forecasts by Procedure

Ireland Coagulation Diagnostics Market
by Product Category

Italy Executive Summary Table:
Total Coagulation Diagnostics Market
by Market Segment and Product Category

Italy, Laboratories Performing Coagulation
Tests by Market Segment

Italy, Hospital Laboratories Performing
Coagulation Tests by Bed Size

Italy, Commercial/Private Laboratories Performing
Coagulation Tests by Annual Test Volume

Italy, Hospital Laboratories Average
Daily Test Volume

Italy, Commercial/Private Laboratories
Average Daily Test Volume

Italy, Total Coagulation Test Volume
by Market Segment

Italy, All Market Segments
Coagulation Test Volume

Italy, Hospital Laboratories
Coagulation Test Volume

Italy, Commercial/Private Laboratories
Coagulation Test Volume

Italy, Coagulation Reagent Market
by Market Segment

List of Tables (continued)

Italy, Major Suppliers of Coagulation Reagents
Estimated Sales and Market Shares

Italy, Coagulation Instrument Market
by Market Segment

Italy, Major Suppliers of Coagulation Analyzers,
Estimated Instrument Sales and Market Shares

Italy, Total Coagulation Diagnostics Market
by Product Category

Italy, Major Suppliers of Coagulation Diagnostic
Products, Estimated Sales and Market Shares

Japan Executive Summary Table: Total Coagulation
Diagnostics Market by Market Segment
and Product Category

Japan, Laboratories Performing Coagulation
Tests by Market Segment

Japan, Hospital Laboratories Performing
Coagulation Tests by Bed Size

Japan, Commercial/Private Laboratories
Performing Coagulation Tests by
Annual Test Volume

Japan, Hospital Laboratories Average
Daily Test Volume

Japan, Commercial/Private Laboratories
Average Daily Test Volume

Japan, Total Coagulation Test Volume
by Market Segment

Japan, All Market Segments
Coagulation Test Volume

Japan, Hospital Laboratories
Coagulation Test Volume

Japan, Commercial/Private Laboratories
Coagulation Test Volume

List of Tables (continued)

Japan, Coagulation Reagent Market
by Market Segment,

Japan, Major Suppliers of Coagulation Reagents
Estimated Sales and Market Shares

Japan, Coagulation Instrument Market
by Market Segment

Japan, Major Suppliers of Coagulation Analyzers,
Estimated Instrument Sales and Market Shares

Japan, Total Coagulation Diagnostics
Market by Product Category

Japan, Major Suppliers of Coagulation
Diagnostic Products, Estimated Sales
and Market Shares

Latvia Coagulation Test Volume
Forecasts by Procedure

Latvia Coagulation Diagnostics Market
by Product Category

Lithuania Coagulation Test Volume
Forecasts by Procedure

Lithuania Coagulation Diagnostics Market
by Product Category

Malta Coagulation Test Volume
Forecasts by Procedure

Malta Coagulation Diagnostics Market
by Product Category

Netherlands Coagulation Test Volume
Forecasts by Procedure

Netherlands Coagulation Diagnostics
Market by Product Category

Norway Coagulation Test Volume
Forecasts by Procedure

List of Tables (continued)

Norway Coagulation Diagnostics Market
by Product Category

Poland Coagulation Test Volume
Forecasts by Procedure

Poland Coagulation Diagnostics Market
by Product Category

Portugal Coagulation Test Volume
Forecasts by Procedure

Portugal Coagulation Diagnostics Market
by Product Category

Romania Coagulation Test Volume
Forecasts by Procedure

Romania Coagulation Diagnostics Market
by Product Category

Slovakia Coagulation Test Volume
Forecasts by Procedure

Slovakia Coagulation Diagnostics Market
by Product Category

Slovenia Coagulation Test Volume
Forecasts by Procedure

Slovenia Coagulation Diagnostics Market
by Product Category

Spain Executive Summary Table:
Total Coagulation Diagnostics Market by
Market Segment and Product Category

Spain, Laboratories Performing Coagulation
Tests by Market Segment

Spain, Hospital Laboratories Performing
Coagulation Tests by Bed Size

List of Tables (continued)

Spain, Commercial/Private Laboratories
Performing Coagulation Tests by
Annual Test Volume

Spain, Hospital Laboratories Average
Daily Test Volume

Spain, Ambulatory Care Centers
Average Daily Test Volume

Spain, Commercial/Private Laboratories
Average Daily Test Volume

Spain, Total Coagulation Test Volume
by Market Segment

Spain, All Market Segments
Coagulation Test Volume

Spain, Hospital Laboratories
Coagulation Test Volume

Spain, Ambulatory Care Centers
Coagulation Test Volume

Spain, Commercial/Private Laboratories
Coagulation Test Volume

Spain, Coagulation Reagent Market
by Market Segment

Spain, Major Suppliers of Coagulation Reagents,
Estimated Sales and Market Shares

Spain, Coagulation Instrument Market
by Market Segment

Spain, Major Suppliers of Coagulation Analyzers,
Estimated Instrument Sales and Market Shares

Spain, Total Coagulation Diagnostics
Market by Product Category

List of Tables (continued)

Spain, Major Suppliers of Coagulation Diagnostic Products, Estimates Sales and Market Shares

Sweden Coagulation Test Volume Forecasts by Procedure

Sweden Coagulation Diagnostics Market by Product Category

Switzerland Coagulation Test Volume Forecasts by Procedure

Switzerland Coagulation Diagnostics Market by Product Category

U.K. Executive Summary Table:
Total Coagulation Diagnostics Market by Market Segment and Product Category

U.K., Laboratories Performing Coagulation Tests by Market Segment

U.K., Hospital Laboratories Performing Coagulation Tests by Bed Size

U.K., Commercial/Private Laboratories Performing Coagulation Tests by Annual Test Volume

U.K., Hospital Laboratories Average Daily Test Volume

U.K., Commercial/Private Laboratories Average Daily Test Volume

U.K., Total Coagulation Test Volume by Market Segment

U.K., All Market Segments Coagulation Test Volume

U.K., Hospital Laboratories Coagulation Test Volume

List of Tables (continued)

U.K., Commercial/Private Laboratories
Coagulation Test Volume

U.K., Coagulation Reagent Market
by Market Segment

U.K., Major Suppliers of Coagulation
Reagents Estimated Sales and Market Shares

U.K., Coagulation Instrument Market
by Market Segment

U.K., Major Suppliers of Coagulation Analyzers,
Estimated Instrument Sales and Market Shares

U.K., Total Coagulation Diagnostics Market
by Product Category

U.K., Major Suppliers of Coagulation
Diagnostic Products, Estimated Sales
and Market Shares

U.S.A. Executive Summary Table:
Total Coagulation Diagnostics Market by
Market Segment and Product Category

U.S.A., Laboratories Performing Coagulation
Tests by Market Segment

U.S.A., Hospital Laboratories Performing
Coagulation Tests by Bed Size

U.S.A., Commercial/Private Laboratories
Performing Coagulation Tests
by Annual Test Volume

U.S.A., Hospital Laboratories Average
Daily Test Volume

U.S.A., Commercial/Private Laboratories
Average Daily Test Volume

U.S.A., Physician Offices/Group Practices
Average Daily Test Volume

List of Tables (continued)

U.S.A., All Market Segments
Coagulation Test Volume

U.S.A., Hospital Laboratories
Coagulation Test Volume

U.S.A., Commercial/Private Laboratories
Coagulation Test Volume

U.S.A., Physician Offices/Group Practices
Coagulation Test Volume

U.S.A., Coagulation Reagent Market
by Market Segment

U.S.A., Major Suppliers of Coagulation Reagents
Estimated Sales and Market Shares

U.S.A., Coagulation Instrument Market
by Market Segment

U.S.A., Major Suppliers of Coagulation Analyzers,
Estimated Instrument Sales and Market Shares

U.S.A., Total Coagulation Diagnostics
Market by Product Category

U.S.A., Major Suppliers of Coagulation
Diagnostic Products, Estimated Sales
and Market Shares

Major Companies Developing or Marketing
Activated Clotting Time Tests

Major Companies Developing or
Marketing APTT Tests

Major Companies Developing or Marketing
Alpha-2 Antiplasmin Tests

Major Companies Developing or Marketing
Antithrombin III Tests

Major Companies Developing or
Marketing Bleeding Time Tests

List of Tables (continued)

Major Companies Developing or Marketing D-dimer Tests

Major Companies Developing or Marketing Factor Assays

Major Companies Developing or Marketing Fibrin Degradation Product Tests

Major Companies Developing or Marketing Fibrinogen Tests

Major Companies Developing or Marketing Heparin Tests

Major Companies Developing or Marketing Plasmin Tests

Major Companies Developing or Marketing Plasminogen Tests

Major Companies Developing or Marketing Plasminogen Activator Inhibitor Tests

Major Companies Developing or Marketing Platelet Aggregation Tests

Major Companies Developing or Marketing Protein C Tests

Major Companies Developing or Marketing Protein S Tests

Major Companies Developing or Marketing PT Tests

Major Companies Developing or Marketing Thrombin Time Tests

Major Companies Developing or Marketing TPA Tests

Major Companies Developing or Marketing Von Willebrand's Factor Tests