



MEDICAL DEVICES



PHARMACEUTICALS



CHEMICALS



FOOD & BEVERAGE



ELECTRONICS

Table of Contents and List of Tables

Copyright 2013 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***

VPG Partner Reports ***www.Research-Store.com/VPG***

VENTURE PLANNING GROUP 545 Eighth Avenue, Suite 401 New York, NY 10018
Phone + 1 212 564 2838 Fax + 1 212 564 8133 ***info@vpgcorp.com***

Table of Contents

I. Introduction

II. Worldwide Technology and Market Overview

A. Major Blood Typing, Grouping and Infectious Disease Screening Tests

1. Blood Typing and Grouping Tests
2. Infectious Disease Screening Tests

- a. AIDS
- b. Hepatitis
- c. Cytomegalovirus
- d. Syphilis
- e. West Nile Virus
- f. Parvovirus B19
- g. Creutzfeldt-Jakob's Disease
- h. Malaria
- i. Chagas Disease
- j. Babesiosis

3. Pathogen Reduction
4. Leukocyte Reduction

B. Instrumentation Review: Operating Characteristics, Features and Selling Prices of Leading Automated and Semiautomated Analyzers

C. Major in Vitro Diagnostic Technologies And Their Potential Applications

1. Molecular Diagnostics
2. Monoclonal and Polyclonal Antibodies
3. Immunoassays
4. Microtitration Plates
5. IT and Automation
6. Lasers

Table of Contents (continued)

- 7. Robotics
- 8. Synthetic Red Cell Substitutes
- 9. Genetically Engineered Blood Components
- 10. Blood Preservation
- 11. Autologous Blood Transfusion/Freezing

III. US

- A. Executive Summary
- B. Business Environment
- C. Market Structure
- D. Market Size, Growth and Major Suppliers'
Sales and Market Shares for Blood Typing, Grouping
and Infectious Disease Screening Tests

IV. Major Product Development Opportunities

- A. Blood Typing and Grouping
- B. Infectious Disease Screening
- C. Auxiliary

V. Alternative Market Penetration Strategies

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts

VI. Potential Market Entry Barriers and Risks

- A. Market Maturity
- B. Cost Containment
- C. Competition
- D. Technological Edge and Limitations
- E. Patent Protection

Table of Contents (continued)

VII. Competitive Assessments

- Abbott
- Beckman Coulter/Danaher
- Becton Dickinson
- Biokit
- BioMerieux
- Bio-Rad
- Diagast
- DiaSorin
- Fujirebio/Innogenetics
- Hologic/Gen-Probe
- Grifols
- Immucor
- Novartis Diagnostics
- Ortho-Clinical Diagnostics
- Orchid CellMark
- Proteome Sciences
- Quest Diagnostics
- Quidel
- Roche
- Siemens
- Tecan

XII. Appendix: Assumed Currency Exchange Rates

List of Tables

Major Companies Developing or Marketing
Blood Typing and Grouping Tests

Major Companies Developing or Marketing
HLA Typing Tests

Major Companies Developing or Marketing
AIDS Tests

Major Companies Developing or Marketing
Hepatitis Tests

Major Companies Developing or Marketing
CMV Tests

Major Companies Developing or Marketing
Syphilis Tests

Major Companies Developing or Marketing
Blood Bank Analyzers

Executive Summary Table: U.S.A., Total Blood Bank
Test Volume and Reagent Sales Forecast
by Test Category

U.S.A., Estimated Number of Inpatient and
Ambulatory Surgeries

U.S.A., Facilities Performing Blood
Bank Tests by Market Segment

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

U.S.A., Commercial/Private Laboratories
Performing Blood Bank Tests
by Annual Test Volume Forecast

U.S.A., Facilities Collecting Whole Blood
And Plasma by Market Forecast Segment

List of Tables (continued)

U.S.A., Whole Blood and Plasma Collections
By Market Forecast Segment

U.S.A., All Market Segments Blood Typing
and Grouping Test Volume by Market Forecast
Segment

U.S.A., All Market Segments Blood Typing
And Grouping Test Volume Forecast

U.S.A., Hospital Laboratories Blood
Typing and Grouping Test Volume Forecast

U.S.A., Community and Regional Blood Centers
Blood Typing and Grouping Test Volume Forecast

U.S.A., Commercial/Private Laboratories
Blood Typing and Grouping Test Volume Forecast

U.S.A., Plasma Fractionation Centers Blood
Typing and Grouping Test Volume Forecast

U.S.A., Military Blood Banks Blood Typing
and Grouping Test Volume Forecast

U.S.A., All Market Segments Infectious
Disease Screening Test Volume Forecast
By Market Segment

U.S.A., All Market Segments Infectious
Disease Screening Test Volume Forecast

U.S.A., Community and Regional Centers
Infectious Disease Screening Test Volume Forecast

U.S.A., Plasma Fractionation Centers
Infectious Disease Screening Test Volume Forecast

U.S.A., Hospital Blood Banks
Infectious Disease Screening Test Volume Forecast

List of Tables (continued)

U.S.A., Military Blood Banks Infectious
Disease Screening Test Volume Forecast

U.S.A., All Market Segments Blood Typing
And Grouping Reagent Market Forecast
by Market Segment

U.S.A., All Market Segments Blood Typing
And Grouping Reagent Market Forecast
by Market Segment

U.S.A., Hospital Blood Banks Blood Typing
And Grouping Reagent Market Forecast
by Major Test

U.S.A., Community and Regional Blood Centers
Blood Typing and Grouping Reagent Market Forecast
By Major Test

U.S.A., Commercial/Private Laboratories
Blood Typing and Grouping Reagent Market Forecast
By Major Test

U.S.A., Plasma Fractionation Centers
Blood Typing and Grouping Reagent Market Forecast
By Major Test

U.S.A., Military Blood Banks Blood Typing
And Grouping Reagent Market Forecast by Major Test

U.S.A., All Market Segments Infectious
Disease Screening Reagent Market by Market Forecast
Segment

U.S.A., All Market Segments Infectious
Disease Screening Reagent Market by Market Forecast
Segment

List of Tables (continued)

U.S.A., Community and Regional Centers
Infectious Disease Screening Reagent Market Forecast
By Test

U.S.A., Plasma Fractionation Centers
Infectious Disease Screening Reagent Market Forecast
By Test

U.S.A., Hospital Blood Banks
Infectious Disease Screening Reagent Market Forecast
By Test

U.S.A., Military Blood Banks Infectious
Disease Screening Reagent Market Forecast
By Test

U.S.A., Major Suppliers of Blood Typing
And Grouping Reagents Estimated Sales
And Market Shares

U.S.A., HIV/HTLV Blood Screening Market,
Reagent Sales by Major Supplier

U.S.A., Hepatitis Blood Screening Market,
Reagents Sales by Major Supplier

U.S.A., Hepatitis C Blood Screening Market,
Reagent Sales By Major Supplier

U.S.A., HIV/Hepatitis C NAT Market, Reagent
Sales By Major Supplier

U.S.A., West Nile Virus NAT Market,
Reagent Sales by Major Supplier

U.S.A., CMV Blood Screening Market,
Reagent Sales by Major Supplier

U.S.A., Syphilis Blood Screening Market,
Reagent Sales by Major Supplier