

Table of Contents

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

VENTURE PLANNING GROUP
reports@vpgcorp.com
+ 1 212 564 2838

Table of Contents (Continued)

Table of Contents

Introduction

Worldwide Market and Technology Overview

A. Major Therapeutic Drug Monitoring Tests

The report provides segment test volume and sales forecasts for the following tests: Amikacin, Apixaban, Argatroban, Betrixaban, Carbamazepine, Cyclosporin, Dabigatran, Digoxin, Edoxaban, Everolimus, Fluindione, Gentamicin, Levetiracetam, Lithium, Methotrexate, NAPA/Procainamide, Phenobarbital, Phenytoin, Quinidine, Rivaroxaban, Sirolimus, Tacrolimus, Theophylline, Tobramycin, Topiramate, Valproic Acid, Vancomycin and Warfarin.

B. Instrumentation Review: Operating characteristics and features of high-, medium-, and low-volume/POC analyzers manufactured by Abaxis, Abbott, Alfa Wassermann, AMS, Awareness Technologies, Beckman Coulter, Binding Site, bioMerieux, Carolina Chemistries, DiaSorin, Grifols, Horiba, Medica, Nova Biomedical, Ortho-Clinical Diagnostics, Polymedco, Randox, Roche, Siemens Healthineers, Tosoh, Vital Diagnostics and other suppliers.

C. Major In Vitro Diagnostic Technologies And Their Potential Applications

1. Monoclonal and Polyclonal Antibodies
2. Immunoassays
 - a. Technological Principle
 - b. Chemiluminescence
 - c. Enzyme Immunoassays
 - ° Overview
 - ° ELISA
 - ° EMIT
 - ° Electrochemical
 - d. Radioimmunoassays (RIA)
 - e. Immunoprecipitation
 - f. Affinity Chromatography
3. Tandem Mass Spec
4. IT and Automation
5. Dry Chemistry
6. Biosensors

Table of Contents (Continued)

- France:** Test Volume and Sales Forecasts by Assay and Market Segment, And Major Supplier Market Shares
- Germany:** Test Volume and Sales Forecasts by Assay and Market Segment, And Major Supplier Market Shares
- Italy:** Test Volume and Sales Forecasts by Assay and Market Segment, And Major Supplier Market Shares
- Japan:** Test Volume and Sales Forecasts by Assay and Market Segment, And Major Supplier Market Shares

Table of Contents (Continued)

- Spain:** Test Volume and Sales Forecasts by Assay and Market Segment, And Major Supplier Market Shares
- UK:** Test Volume and Sales Forecasts by Assay and Market Segment, And Major Supplier Market Shares
- USA:** Test Volume and Sales Forecasts by Assay and Market Segment, And Major Supplier Market Shares

Alternative Market Penetration Strategies

- A. Internal Development
- B. Collaborative Arrangements
- C. University Contracts
- D. Distribution Strategies for Decentralized Testing Markets
 - 1. Marketing Approaches
 - 2. Product Complexity
 - 3. Customer Preference
 - 4. Established Suppliers
 - 5. Emerging Suppliers
 - 6. Major Types of Distributors
 - 7. Market Segmentation

Potential Market Entry Barriers and Risks

- A. Market Maturity
- B. Cost Containment
- C. Competition
- D. Technological Edge and Limitations
- E. Patent Protection
- F. Regulatory Constraints
- G. Decentralized Testing Market Challenges

Table of Contents (Continued)

Competitive Assessments

Abbott
Agilent Technologies
Beckman Coulter/Danaher
bioMerieux
Bio-Rad
DiaSorin
Eiken Chemical
Fujirebio
Grifols
ILW erfen
Kyowa Medex
Ortho-Clinical Diagnostics
PerkinElmer
Quest Diagnostics
Roche
Siemens Healthineers
Sysmex
Thermo Fisher
Tosoh
Wako

List of Tables

France, Hospital Laboratories, TDM
Diagnostics Market Forecast by Assay

France, Commercial/Private Laboratories,
TDM Diagnostics Market Forecast by Assay

France, Major Suppliers of Immunodiagnostic Products,
Estimated Market Shares

Germany, Laboratories Performing TDM
Tests By Market Segment

Germany, Hospital Laboratories Performing
TDM Tests By Bed Size

Germany, Commercial/Private Laboratories
Performing TDM Tests By Annual Test Volume

Germany, TDM Test Volume Forecast By Market
Segment

Germany, Hospital Laboratories, TDM
Test Volume Forecast by Assay

Germany, Commercial/Private Laboratories,
TDM Test Volume Forecast by Assay

Germany, Physician Offices/Group
Practices, TDM Test Volume Forecast by Assay

Germany, TDM Reagent Market Forecast
By Market Segment

Germany, Hospital Laboratories, TDM
Reagent Market Forecast by Assay

Germany, Commercial/Private Laboratories,
TDM Reagent Market Forecast by Assay

Germany, Physician Offices/Group
Practices, TDM Reagent Market Forecast by Assay

List of Tables (continued)

Germany, Major Suppliers of Immunodiagnostic Products,
Estimated Market Shares

Italy, Laboratories Performing TDM
Tests By Market Segment

Italy, Hospital Laboratories Performing
TDM Tests By Bed Size

Italy, Commercial/Private Laboratories
Performing TDM Tests By Annual Test Volume

Italy, TDM Test Volume Forecast
By Market Segment

Italy, Hospital Laboratories, TDM
Test Volume Forecast by Assay

Italy, Commercial/Private Laboratories,
TDM Test Volume Forecast by Assay

Italy, TDM Reagent Market Forecast
By Market Segment

Italy, Hospital Laboratories, TDM
Reagent Market Forecast by Assay

Italy, Commercial/Private Laboratories,
TDM Reagent Market Forecast by Assay

Italy, Major Suppliers of Immunodiagnostic Products,
Estimated Market Shares

Japan, Laboratories Performing TDM
Tests By Market Segment

Japan, Hospital Laboratories Performing
TDM Tests By Bed Size

Japan, Commercial/Private Laboratories
Performing TDM Tests By Annual Test Volume

List of Tables (continued)

Japan, TDM Test Volume Forecast
By Market Segment

Japan, Hospital Laboratories, TDM
Test Volume Forecast by Assay

Japan, Commercial/Private Laboratories,
TDM Test Volume Forecast by Assay

Japan, TDM Reagent Market Forecast
By Market Segment

Japan, Hospital Laboratories, TDM
Reagent Market Forecast by Assay

Japan, Commercial/Private Laboratories,
TDM Reagent Market Forecast by Assay

Japan, Major Suppliers of Immunodiagnostic Products,
Estimated Market Shares

Spain, Laboratories Performing TDM
Tests By Market Segment

Spain, Hospital Laboratories Performing
TDM Tests By Bed Size

Spain, Commercial/Private Laboratories
Performing TDM Tests By Annual Test Volume

Spain, TDM Test Volume Forecast
By Market Segment

Spain, Hospital Laboratories, TDM
Test Volume Forecast by Assay

Spain, Commercial/Private Laboratories,
TDM Test Volume Forecast by Assay

Spain, Ambulatory Care Centers,
TDM Test Volume Forecast by Assay

List of Tables (continued)

Spain, All Market Segments, TDM
Reagent Market Forecast by Assay

Spain, Hospital Laboratories, TDM
Reagent Market Forecast by Assay

Spain, Commercial/Private Laboratories,
TDM Reagent Market Forecast by Assay

Spain, Ambulatory Care Centers,
TDM Reagent Market Forecast by Assay

Spain, Major Suppliers of Immunodiagnostic Products,
Estimated Market Shares

U.K., Laboratories Performing TDM
Tests By Market Segment

U.K., Hospital Laboratories Performing
TDM Tests By Bed Size

U.K., Commercial/Private Laboratories
Performing TDM Tests By Annual Test Volume

U.K., TDM Test Volume Forecast
By Market Segment

U.K., Hospital Laboratories, TDM
Test Volume Forecast by Assay

U.K., Commercial/Private Laboratories,
TDM Test Volume Forecast by Assay

U.K., TDM Reagent Market Forecast
By Market Segment

U.K., Hospital Laboratories, TDM
Reagent Market Forecast by Assay

List of Tables (continued)

U.K., Commercial/Private Laboratories,
TDM Reagent Market Forecast by Assay

U.K., Major Suppliers of Immunodiagnostic Products,
Estimated Market Shares

U.S.A., Laboratories Performing TDM
Tests By Market Segment

U.S.A., Hospital Laboratories Performing
TDM Tests By Bed Size

U.S.A., Commercial/Private Laboratories
Performing TDM Tests By Annual Test Volume

U.S.A., TDM Test Volume Forecast
By Market Segment

U.S.A., Hospital Laboratories, TDM
Test Volume Forecast by Assay

U.S.A., Commercial/Private Laboratories,
TDM Test Volume Forecast by Assay

U.S.A., Physician Offices/Group Practices,
TDM Test Volume Forecast by Assay

U.S.A., TDM Reagent Market Forecast
By Market Segment

U.S.A., Hospital Laboratories, TDM
Reagent Market Forecast by Assay

U.S.A., Commercial/Private Laboratories,
TDM Reagent Market Forecast by Assay

U.S.A., Physician Office/Group Practices,
TDM Reagent Market Forecast by Assay

U.S.A., Major Suppliers of Immunodiagnostic Products,
Estimated Market Shares