









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 *reports@vpgcorp.com* 

## **Table of Contents**

## Introduction

## **Market and Technology Overview**

## A. Major Drugs of Abuse

- 1. Overview
- 2. Test Methodologies
- 3. Amphetamines
- 4. Barbiturates
- 5. Benzodiazepines
- 6. Cannabinoids/Marijuana
- 7. Cocaine
- 8. Lysergic Acid Diethylamide (LSD)
- 9. Methadone
- 10. Methagualone
- 11. Opiates
- 12. Phencyclidine
- 13. Tricyclic Antidepressants
- B. Instrumentation Review: Operating characteristics and features of high-, medium-, and low-volume/POC analyzers manufactured by Abaxis, Abbott, Alere/Inverness, Alfa Wassermann, AMS, Awareness Technologies, Beckman Coulter/Olympus, Binding Site, bioMerieux, Carolina Chemistries, DiaSorin, Grifols, Horiba, Medica, Nova Biomedical, Ortho-Clinical Diagnostics, Polymedco, Randox, Roche, Siemens, 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 (EIA)
    - 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

# D. Market Size, Growth and Major Supplier Shares

## <u>Alternative Market Penetration Strategies</u>

- 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

# **Competitive Assessments**

Abbott

**Agilent Technologies** 

Beckman Coulter/Danaher

bioMerieux

Bio-Rad

DiaSorin

Eiken Chemical

Fujirebio

Grifols

Instrumentation Laboratory/Werfen

Kyowa Medex

Ortho-Clinical Diagnostics

PerkinElmer

**Quest Diagnostics** 

Roche

Siemens Healthineers

Sysmex

Thermo Fisher

Tosoh

Wako

## **List of Tables**

Major Companies Developing or Marketing Drugs of Abuse Tests

Japan, Drugs of Abuse Test Volume Forecast By Market Segment

Japan, All Market Segments, Drugs of Abuse Test Volume Forecast by Assay

Japan, Hospital Laboratories, Drugs of Abuse Test Volume Forecast by Assay

Japan, Commercial/Private Laboratories, Drugs of Abuse Test Volume Forecast by Assay

Japan, Drugs of Abuse Reagent Market Forecast By Market Segment

Japan, All Market Segments, Drugs of Abuse Reagent Market Forecast by Assay

Japan, Hospital Laboratories, Drugs of Abuse Reagent Market Forecast by Assay

Japan, Commercial/Private Laboratories, Drugs of Abuse Reagent Market Forecast by Assay

Japan, Major Suppliers of Immunodiagnostic Products, Estimated Market Shares