2013 Endocrine Function Testing Market in Germany: Hospitals, Commercial Labs, Physician Offices

Table of Contents

Introduction

Worldwide Market and Technology Overview

A. Major Endocrine Function Tests

- 1. Cortisol
- 2. Estradiol
- 3. Follicle-Stimulating Hormone (FSH)
- 4. Gastrin
- 5. Growth Hormone/IGF-1
- 6. Human Chorionic Gonadotropin (HCG)
- 7. LH
- 8. Progesterone
- 9. PTH/IO PTH
- 10. Prolactin
- 11. T3
- 12. T3 Free
- 13. T3 Uptake
- 14. T4 (Thyroxine)
- 15. T4 Free
- 16. TBG
- 17. Testosterone
- 18. Thyroglobulin Ab
- 19. TPO Ab
- 20. TSH

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

Table of Contents (Continued)

C. Major In Vitro Diagnostic Technologies And Their Potential Applications

- 1. Monoclonal and Polyclonal Antibodies
- 2. Immunoassays
 - a. Technological Principle
 - d. 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>Design Criteria for Decentralized Testing Products</u>

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

Table of Contents (Continued)

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 Laboratories
- AdnaGen
- Agilent Technologies
- Beckman Coulter/Danaher
- Biomedical Diagnostics
- BioMerieux
- Bio-Rad
- DiaSorin
- Eiken
- Fujirebio/Innogenetics
- Instrumentation Laboratory
- Kyowa Medex
- Matritech/Alere
- Ortho-Clinical Diagnostics
- Quest Diagnostics
- Roche
- Siemens
- Sysmex
- Thermo Fisher
- Tosoh
- Wako
- Wallac/PE

List of Tables

Major Companies Developing or Marketing FSH Tests

Major Companies Developing or Marketing HCG Tests

Major Companies Developing or Marketing LH Tests

Major Companies Developing or Marketing Prolactin Tests

Major Companies Developing or Marketing T3 Tests

Major Companies Developing or Marketing T4 Tests

Major Companies Developing or Marketing TSH Tests

Germany, Endocrine Function Test Volume Forecast By Market Segment

Germany, All Market Segments, Endocrine Function Test Volume Forecast by Assay

Germany, Hospital Laboratories, Endocrine Function Test Volume Forecast by Assay

Germany, Commercial/Private Laboratories, Endocrine Function Test Volume Forecast by Assay

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

Germany, All Market Segments, Tumor Markers and Special Chemistry Test Volume Forecast by Assay

<u>List of Tables</u> (continued)

Germany, Endocrine Function Reagent Market Forecast By Market Segment

Germany, All Market Segments, Endocrine Function Reagent Market Forecast by Assay

Germany, Hospital Laboratories, Endocrine Function Reagent Market Forecast by Assay

Germany, Commercial/Private Laboratories, Endocrine Function Reagent Market Forecast by Assay

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

Germany, Major Suppliers of Immunodiagnostic Products, Estimated Market Shares