

# **Emerging Infectious Disease Testing Technologies** and Market Applications

https://marketpublishers.com/r/IB71DFEF154EN.html

Date: September 2011

Pages: 61

Price: US\$ 760.00 (Single User License)

ID: IB71DFEF154EN

### **Abstracts**

This report provides a detailed analysis of the current and emerging technologies, and their potential applications for the infectious disease testing market, including DNA probes, biochips, monoclonal antibodies, immunoassays, IT, gel microdroplets, differential light scaltering, chromatography and several others.

Contains 61 pages



#### **Contents**

#### 1. DNA PROBES

- a. Technology Overview
- b. Amplification Methods

Polymerase Chain Reaction

Robotics

**Temperature Cyclers** 

**PCR Variations** 

Immuno-PCR

QC-PCR

**DAP-PCR** 

Ligase Chain Reaction

**Branched DNA** 

Q-Beta Replicase

Nucleic-Acid Sequence-Based

Strand Displacement Activation

Self-Sustained Sequence Replicase

#### 2. MONOCLONAL ANTIBODIES

#### 3. IMMUNOASSAYS

- a. Technological Principle
- b. Enzyme Immunoassays (EIA)

Overview

**ELISA** 

**Dot Immunobinding Assays** 

Capillary Immunoassays

Particle-Membrane Capture Immunoassays

**Enzyme Amplification** 

c. Fluorescent Immunoassays

Fluorescence Polarization

Time-Resolved Pulse Fluorescence

d. Luminescence

Chemiluminescence

Bioluminescence

e. Latex Agglutination



- f. Immunoprecipitation
- 4. DIFFERENTIAL LIGHT SCATTERING
- 5. MICROCOMPUTERS AND AUTOMATION
- **6. ARTIFICIAL INTELLIGENCE**
- 7. LIPOSOMES
- 8. FLOW CYTOMETRY
- 9. CHROMATOGRAPHY
- 10. MRI
- 11. GEL MICRODROPLETS
- 12. OTHER



## I would like to order

Product name: Emerging Infectious Disease Testing Technologies and Market Applications

Product link: <a href="https://marketpublishers.com/r/IB71DFEF154EN.html">https://marketpublishers.com/r/IB71DFEF154EN.html</a>

Price: US\$ 760.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/IB71DFEF154EN.html">https://marketpublishers.com/r/IB71DFEF154EN.html</a>