

HEMOSTASIS TECHNOLOGIES
Market Applications of Current and Emerging Technologies

Table of Contents

1. Chromogenic Substrates
2. Monoclonal and Polyclonal Antibodies
3. Immunoassays
 - a. Applications
 - b. Technological Principle
 - c. Enzyme Immunoassays (EIA)
 - Overview
 - ELISA
 - EMIT
 - Dot Immunobinding Assays
 - Capillary Immunoassays
 - Enzyme Amplification
 - Electrochemical Immunoassay
 - d. Fluorescent Immunoassays
 - Fluorescence Polarization
 - Time-Resolved Pulse Fluorescence
 - Fluorescence Lifetime
 - e. Latex Agglutination
 - f. Immunoprecipitation
4. Microcomputers
5. Automation
6. Robotics
7. DNA Probes
 - a. Overview
 - b. Amplification Methods
 - PCR
 - Ligase Chain Reaction
 - Branched DNA
 - Q-Beta Replicase
 - NASBA

Table of Contents (continued)

- SDA
 - 3 SR
 - HPA
 - Two-Tiered System
 - LAT
8. Artificial Intelligence
 9. Dry Chemistry
 10. Biosensors