

Cancer Diagnostic Technologies: Assessment of Emerging Technologies and Market Applications

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Abstracts

This report provides detailed assessments of such technologies as monoclonal antibodies, immunoassays, DNA probes, biochips/microarrays, chromosome analysis, IT, flow cytometry, biosensors, and their potential applications for cancer diagnostic testing. Also included is a review of competing/complementing technologies, such as CT, MRI, NMR, PET and photonics spectroscopy.

Contains 110 pages



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- b. Radioimmunoassay (RIA)
- c. Enzyme Immunoassays (EIA)

Overview

ELISA

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- Particle-Membrane Capture Immunoassay
- **Enzyme Amplification**
- d. Fluorescent Immunoassays
- e. Luminescence

Chemiluminescence

- Bioluminescence
- f. Latex Agglutination
- g. Immunoprecipitation
- H. Affinity Chromatographu
- e. Liposome Flow-Injection Immunoassay

3. MOLECULAR DIAGNOSTICS

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b. Amplification Methods

PCR DAP-PCR Immuno-PCR

QC-PCR

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- DNA
- HPA
- LCR
- NASBA
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- SDA
- 3 SR, and others

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