

Analysis of Tumor Markers Technologies And Strategic Profiles of Leading Suppliers

Table of Contents

Current and Emerging Technologies

Monoclonal and Polyclonal Antibodies

Immunoassays

- a. Technological Principle
- b. Radioimmunoassay (RIA)
- c. Enzyme Immunoassays (EIA)
 - Overview
 - ELISA
 - Immunofiltration
 - 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

Molecular Diagnostics

- a. Technology Overview
- b. Amplification Methods
 - PCR
 - DAP-PCR
 - Immuno-PCR
 - QC-PCR
 - CAR
 - DNA
 - HPA
 - LCR
 - NASBA
 - QBR
 - SDA
 - 3 SR, and others

Table of Contents (continued)

Chromosome Analysis

- a. Chronic Myelogenous Leukemia (CML)
- b. Acute Myeloid Leukemia (AML)
- c. Acute Lymphoblastic Leukemia (ALL)
- d. Malignant Lymphomas Lymphoid Malignancies
- e. Chronic Lymphocytic Leukemia (CLL)
- f. Solid Cancers
- g. Chromosomal Translocation and Oncogenes

Artificial Intelligence

Flow Cytometry

Two Dimensional Gel Electrophoresis (2-DGE)

Biosensors

Competing/Complementing Technologies

- a. CT
- b. MRI
- c. NMR
- d. PET
- e. Photonics Spectroscopy

Competitive Profiles

- Abbott
- AdnaGen
- Applied Gene Technologies
- Arca Biopharma
- Beckman Coulter/Danaher
- Becton Dickinson
- Biomedical Diagnostics
- bioMerieux
- Bio-Rad
- CellSearch
- Cepheid
- Correlogic Systems/Vermillion
- Decode Genetics
- Diadexus

Table of Contents (continued)

- Diagnocure
- Diasorin
- Eiken Chemical
- Elitech Group
- Enterix
- Enzo Biochem
- Epigenomics
- Exact Sciences
- Fujirebio
- Guided Therapeutics
- Hologic/Gen-Probe
- Kreatech/Leica
- Kyowa Medex
- Mackay Life Sciences
- Myriad Genetics
- OncoLab
- Ortho-Clinical Diagnostics
- Panacea Pharmaceuticals
- Polartechnics
- Polymedco
- PreMD
- Qiagen
- Radient Pharmaceuticals
- Roche
- Scienion
- Sequenom
- Siemens Healthcare
- Takara Bio
- Targeted Diagnostics & Therapeutics
- Thermo Fisher
- Tosoh
- Veridex
- Wako Pure Chemicals
- Wallac/PE
- Zila/Alere