

EMERGING TUMOR MARKERS
And Companies Developing Innovative
Technologies and Products

Table of Contents

Major Current And Emerging Cancer Diagnostic Tests

1. Introduction
2. Tumor Marker Classification
3. ACTH
4. Alpha-Fetoprotein (AFP)
5. Beta-2 Microglobulin
6. CA 15-3/27.29
7. CA 19-9
8. CA-125
9. Calcitonin
10. Carcinoembryonic Antigen (CEA)
11. Estrogen and Progesterone Receptors
12. Ferritin
13. Gastrin
14. Human Chorionic Gonadotropin (HCG)
15. Insulin
16. NSE
17. Occult Blood
18. PAP Smear/HPV
19. Prostatic Acid Phosphatase (PAP)
20. Prostate-Specific Antigen (PSA)
21. Squamous Cell Carcinoma Antigen (SCC)
22. T and B Lymphocytes
23. TdT
24. Thyroglobulin
25. Tissue Polypeptide Antigen (TPA)
26. Biochemical Tumor Markers
 - ADA
 - B-Protein
 - PNP
 - 5'-Nucleotidase
27. Oncogenes
 - Abl/abl-bcr
 - AIB1
 - BCL-2
 - BRCA1
 - CD44

Table of Contents (continued)

- *C-fos*
- *C-myb*
- *C-myc*
- *CYP-17*
- *Erb-B*
- *HPC1*
- *N-myc*
- *P40*
- *P51*
- ? *P53*
- *PIK3CA*
- *PTI-1*
- *Ras*
- *Reg*
- *Sis*
- *Src*
- 28. *Polypeptide Growth Factors*
 - *Basic Fibroblast Growth Factor*
 - *Beta-TGF*
 - *Cachectin (TNT)*
 - *Calmodulin*
 - *ECFR*
 - *Nerve Growth Factor (NGF)*
 - *Epidermal Growth Factor (EGF)*
 - *Ornithine Decarboxylase*
 - *Transferrin*
 - *Transforming Growth Factor-Alpha*
- 29. *Ectopic Hormones*
- 30. *Colony Stimulating Factors*
- 31. *Lymphokines*
 - *Alpha-Interferon*
 - *B Cell Growth Factors*
 - *B Cell Growth Factor (BCGF)*
 - *Gamma-Interferon*
 - *Interleukin-1 (IL-1)*
 - *Macrophage Activating Factor*
- 32. *Immunohistochemical Stains*
- 33. *Emerging Tumor Markers*
 - *N-Acetylglucosamine*
 - *Actin*
 - *Alpha-Actin*

Table of Contents (continued)

- *Antineuronal Antibodies*
- *7B2*
- *B72.3*
- *Bax*
- *BCD-F9*
- *BLCA-4*
- *Blood Group Antigens A,B,H*
- *CA 50*
- *CA 72-4/TAG-72*
- *CA 195*
- *CA-242*
- *CA-549*
- *CAM 26*
- *CAR-3*
- *Cathepsin-D*
- *Chromogranin A and B*
- *Cluster 1 Antigen*
- *Cluster-5/5A Antigen*
- *CTA*
- *CU18*
- *DR-70*
- *DU-PAN-2*
- *Endometrial Bleeding Associated Factor*
- *Endostatin*
- *Epithelial Membrane Antigen*
- *Feulgen Hydrolysis*
- *Fibronectin*
- *FSH*
- *(1->3)-L-fucosyltransferase*
- *Gastrin-Releasing Peptide (GRP)*
- *GDCFP-15*
- *Glucagon*
- *Glycoamines*
- *H23*
- *Her-2*
- *Human Carcinoma Antigen*
- *HPA*
- *HSP27*
- *Intermediate Filaments*

Table of Contents (continued)

- Cytokeratins/CK18/Cyfra 21-1
- Desmin
- Gliofibrillary Acid Protein
- Neurofilaments
- Vimentin
- KA 93
- Kinases
- KP16D3
- LAI
- Leukocyte Common Antigen
- Lewis Antigens
- Lysophosphatidic Acid (LPA)
- Ma 695/Ma 552
- MABDF3
- MAG
- ME1
- Minactivin
- MN/CA9
- MSA
- Mucin Cancer Antigen (MCA)
- Multiple Tumor Suppressor 1
- Myosin
- NEA-130
- NMP22
- OA-519
- Opioid Peptides
- P-glycoprotein
- Pancreatic Oncofetal Antigen (POA)
- Placental Lactogen
- PR92
- Proliferative Index, Ki-67
- Px
- RB Inactivation/Deletion
- Ret
- SCCL 175
- Selectin
- Sialic Acid
- Sialyl SSEA-1/SLX

Table of Contents (continued)

- *SN10*
- *Somatostatin*
- *TA-90*
- *TABA*
- *Tachykinin*
- *TAG 12*
- *TPS*
- *Troponin*
- *Tubulin*
- *VCAM*
- *VEGF*
- *Villen*