

# Free Technical Information

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## Tell us about your areas of interest

(check all that apply).

### DISCIPLINES

- 1. Molecular Biology / Genomics
- 2. Biochemistry
- 3. Cell Biology
- 4. Biotechnology
- 5. Physiology
- 6. Microbiology
- 7. Clinical Chemistry
- 8. Neuroscience
- 9. Proteomics
- 10. Immunology
- 11. Drug Discovery
- 12. Toxicology/Pathology
- 13. Forensics
- 14. Biophysics
- 15. Histochemistry
- 16. Developmental Biology

### SPECIALIZED TOPICS

- 67. Apoptosis
- 64. FRET
- 69. Phagocytosis / endocytosis
- 70. Viability/Cytotoxicity
- 71. Long-term tracing
- 72. Adhesion/Chemotaxis
- 73. Multidrug resistance
- 74. Reactive oxygen species
- 75. Nitric oxide
- 76. Signal transduction
- 77. Growth factors/interleukins
- 86. Bacteria/yeast
- 87. Biosensors
- 91. Photobleaching
- 95. Cell Proliferation

### INSTRUMENTATION

- 17. Epi-fluorescence microscope
- 18. Confocal microscope
- 19. Fluorometer
- 20. Flow Cytometer
- 21. Fluorescence microplate reader
- 22. Gel scanner

### TECHNIQUES

- 24. High-throughput screening
- 23. Transilluminator-based gel imaging
- 27. HPLC/CE
- 29. Immunofluorescent staining
- 62. Fluorescence-based ELISA
- 65. Fluorescence polarization
- 66. Time-resolved fluorescence
- 89. Affinity chromatography
- 90. Microinjection
- 93. Chemiluminescence
- 94. Organic synthesis
- 96. Fluorescence correlation spectroscopy

### PROTEINS AND PEPTIDES

- 25. Protein electrophoresis
- 37. Protein quantitation
- 38. Protein labeling
- 39. Peptide synthesis
- 51. Peptide labeling
- 28. Western blotting
- 98. Glycoproteins

### NUCLEIC ACIDS

- 30. PCR
- 31. FISH
- 32. DNA detection
- 33. RNA detection
- 34. DNA sequencing
- 35. Nucleic acid labeling
- 36. Nucleotide analogs
- 26. Nucleic acid electrophoresis
- 99. Microarrays

### ION INDICATORS

- 42. Calcium
- 46. Magnesium
- 43. Sodium
- 44. Potassium
- 45. Chloride
- 41. pH

### CELL COMPONENTS

- 53. Actin
- 58. Tubulin
- 54. Mitochondria
- 55. Golgi

- 56. Lysosomes
- 57. Endoplasmic reticulum
- 59. Receptors
- 60. Ion channels
- 61. Membranes

### PROBES AND REAGENTS

- 40. Crosslinkers
- 47. Fluorescent Antibodies
- 48. Avidin / Biotin
- 49. Lectins
- 50. Enzyme conjugates
- 63. Enzyme substrates
- 52. Dextran Conjugates
- 68. Potential-sensitive probes
- 78. GFP
- 97. Reporter Gene Substrates
- 81. CAT
- 82. Caged Probes
- 83. Microspheres
- 84. Chelators
- 88. Polar Tracers
- 92. Antifade reagents

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