

References for Product 11600

1. Hill RT, Shear JB. (2006) Enzyme-nanoparticle functionalization of three-dimensional protein scaffolds. *Anal Chem*, 78, 7022.
2. Karlsson A, Sott K, Markstrom M, Davidson M, Konkoli Z, Orwar O. (2005) Controlled initiation of enzymatic reactions in micrometer-sized biomimetic compartments. *J Phys Chem B Condens Matter Mater Surf Interfaces Biophys*, 109, 1609.
3. Ward DG, Taylor M, Lilley KS, Cavieres JD. (2006) TNP-8N3-ADP photoaffinity labeling of two Na,K-ATPase sequences under separate Na⁺ plus K⁺ control. *Biochemistry*, 45, 3460.
4. Devader C, Webb RJ, Thomas GM, Dale L. (2006) *Xenopus* apyrase (xapy), a secreted nucleotidase that is expressed during early development. *Gene*, 367, 135.
5. Farrell S, Halsall HB, Heineman WR. (2005) Immunoassay for *B. globigii* spores as a model for detecting *B. anthracis* spores in finished water. *Analyst*, 130, 489.
6. Montalibet J, Skorey KI, Kennedy BP. (2005) Protein tyrosine phosphatase: enzymatic assays. *Methods*, 35, 2.
7. Hassepass I, Hoffmann I. (2004) Assaying Cdc25 phosphatase activity. *Methods Mol Biol*, 281, 153.
8. Bramkamp M, Gassel M, Altendorf K. (2004) FITC binding site and p-nitrophenyl phosphatase activity of the Kdp-ATPase of *Escherichia coli*. *Biochemistry*, 43, 4559.
9. Biris N, Abatzis M, Mitsios JV, Sakarellos-Daitsiotis M, Sakarellos C, Tsoukatos D, Tselepis AD, Michalis L, Sideris D, Konidou G, Soteriadou K, Tsikaris V. (2003) Mapping the binding domains of the alpha(IIb) subunit. A study performed on the activated form of the platelet integrin alpha(IIb)beta(3). *Eur J Biochem*, 270, 3760.
10. Rider DA, Young SP. (2003) Measuring the specific activity of the CD45 protein tyrosine phosphatase. *J Immunol Methods*, 277, 127.
11. Minelli A, Liguori L, Bellezza I, Renieri T, Castellini C. (2003) Effects of diadenosine polyphosphates and seminal fluid vesicles on rabbit sperm cells. *Reproduction*, 125, 827.
12. Barrientos G, Taylor M, Hidalgo C, Cavieres JD. (2003) TNP-8N3-ADP photoinactivation of the phosphatase activity of FITC-modified SERCA. *Ann N Y Acad Sci*, 986, 315.
13. Leach AM, Wheeler AR, Zare RN. (2003) Flow injection analysis in a microfluidic format. *Anal Chem*, 75, 967.
14. Wang Q, Scheiget J, Roy B, Ramachandran C, Gresser MJ. (2002) Novel caged fluorescein diphosphates as photoactivatable substrates for protein tyrosine phosphatases. *Biochim Biophys Acta*, 1601, 19.
15. Nolkranz K, Farre C, Hurtig KJ, Rylander P, Orwar O. (2002) Functional screening of intracellular proteins in single cells and in patterned cell arrays using electroporation. *Anal Chem*, 74, 4300.
16. Murakami Y, Morita T, Kanekiyo T, Tamiya E. (2001) On-chip capillary electrophoresis for alkaline phosphatase testing. *Biosens Bioelectron*, 16, 1009.
17. Yu JS, Chang SH, Chan WH, Chen HC. (2001) Enzyme-linked immunosorbent assay for the determination of p21-activated kinase activity. *J Biochem (Tokyo)*, 129, 243.
18. Waddleton D, Ramachandran C, Wang Q. (2000) Development of a method for evaluating protein tyrosine phosphatase CD45 inhibitors using Jurkat cell membrane. *Anal Biochem*, 285, 58.
19. Leira F, Vieites JM, Vieytes MR, Botana LM. (2000) Characterization of 9H-(1,3-dichloro-9,9-dimethylacridin-2-yl)-phosphate (DDAO) as substrate of PP-2A in a fluorimetric microplate assay for diarrhetic shellfish toxins (DSP). *Toxicon*, 38, 1833.
20. Huang Z, Wang Q, Ly HD, Gorvindarajan A, Scheiget J, Zamboni R, Desmarais S, Ramachandran C. (1999) 3,6-Fluorescein Diphosphate: A Sensitive Fluorogenic and Chromogenic Substrate for Protein Tyrosine Phosphatases*. *J Biomol Screen*, 4, 327.
21. Martin DW, Sachs JR. (2000) Ligands presumed to label high affinity and low affinity ATP binding sites do not interact in an (alpha beta)₂ diprotomer in duck nasal gland Na⁺,K⁺-ATPase, nor do the sites coexist in native enzyme. *J Biol Chem*, 275, 24512.

22. Gee KR. (1999) Novel fluorogenic substrates for acid phosphatase. *Bioorg Med Chem Lett*, 9, 1395.
23. Mountfort DO, Kennedy G, Garthwaite I, Quilliam M, Truman P, Hannah DJ. (1999) Evaluation of the fluorometric protein phosphatase inhibition assay in the determination of okadaic acid in mussels. *Toxicol*, 37, 909.
24. Wang Q, Scheigetz J, Gilbert M, Snider J, Ramachandran C. (1999) Fluorescein monophosphates as fluorogenic substrates for protein tyrosine phosphatases. *Biochim Biophys Acta*, 1431, 14.
25. Ward DG, Cavieres JD. (1998) Affinity labeling of two nucleotide sites on Na,K-ATPase using 2'(3')-O-(2,4,6-trinitrophenyl)8-azidoadenosine 5'-[alpha-32P]diphosphate (TNP-8N3-[alpha-32P]ADP) as a photoactivatable probe. Label incorporation before and after blocking the high affinity ATP site with fluorescein isothiocyanate. *J Biol Chem*, 273, 33759.
26. Ward DG, Cavieres JD. (1998) Photoinactivation of fluorescein isothiocyanate-modified Na,K-ATPase by 2'(3')-O-(2,4,6-trinitrophenyl)8-azidoadenosine 5'-diphosphate. Abolition of E1 and E2 partial reactions by sequential block of high and low affinity nucleotide sites. *J Biol Chem*, 273, 14277.
27. Rattner A, Sabido O, Massoubre C, Rasclé F, Frey J. (1997) Characterization of human osteoblastic cells: influence of the culture conditions. *In Vitro Cell Dev Biol Anim*, 33, 757.
28. Opas EE, Rutledge SJ, Golub E, Stern A, Zimolo Z, Rodan GA, Schmidt A. (1997) Alendronate inhibition of protein-tyrosine-phosphatase-meg1. *Biochem Pharmacol*, 54, 721.
29. Wang Q, Janzen N, Ramachandran C, Jirik F. (1997) Mechanism of inhibition of protein-tyrosine phosphatases by disodium aurothiomalate. *Biochem Pharmacol*, 54, 703.
30. Vieytes MR, Fontal OI, Leira F, Baptista de Sousa JM, Botana LM. (1997) A fluorescent microplate assay for diarrhetic shellfish toxins. *Anal Biochem*, 248, 258.
31. Tolosa E, Shaw S. (1996) A fluorogenic assay of endogenous phosphatase for assessment of cell adhesion. *J Immunol Methods*, 192, 165.
32. Ward DG, Cavieres JD. (1996) Binding of 2'(3')-O-(2,4,6-trinitrophenyl) ADP to soluble alpha beta protomers of Na, K-ATPase modified with fluorescein isothiocyanate. Evidence for two distinct nucleotide sites. *J Biol Chem*, 271, 12317.
33. Ahumada A, Izquierdo L. (1994) A new microassay for the determination of alkaline phosphatase activity in early mouse concepti. *Biol Res*, 27, 241.
34. Huang Z, Olson NA, You W, Haugland RP. (1992) A sensitive competitive ELISA for 2,4-dinitrophenol using 3,6-fluorescein diphosphate as a fluorogenic substrate. *J Immunol Methods*, 149, 261.
35. Saccomani G, Mukidjam E. (1987) Papain fragmentation of the gastric (H⁺ + K⁺)-ATPase. *Biochim Biophys Acta*, 912, 63.