

References for Product 11001

1. Amaral S, Mira L, Nogueira JM, da Silva AP, Helena Florencio M. (2009) Plant extracts with anti-inflammatory properties--a new approach for characterization of their bioactive compounds and establishment of structure-antioxidant activity relationships. *Bioorg Med Chem*, 17, 1876.
2. Elbaz J, Moshe M, Shlyahovsky B, Willner I. (2009) Cooperative multicomponent self-assembly of nucleic acid structures for the activation of DNAzyme cascades: a paradigm for DNA sensors and aptasensors. *Chemistry*, 15, 3411.
3. Freeman R, Sharon E, Tel-Vered R, Willner I. (2009) Supramolecular cocaine-aptamer complexes activate biocatalytic cascades. *J Am Chem Soc*, 131, 5028.
4. Pizzul L, Castillo MD, Stenstrom J. (2009) Degradation of glyphosate and other pesticides by ligninolytic enzymes. *Biodegradation*.
5. van Dongen SF, Nallani M, Cornelissen JJ, Nolte RJ, van Hest JC. (2009) A three-enzyme cascade reaction through positional assembly of enzymes in a polymersome nanoreactor. *Chemistry*, 15, 1107.
6. Willner I, Shimron S, Weizmann Y, Wang ZG, Willner I. (2009) Self-assembly of enzymes on DNA scaffolds: en route to biocatalytic cascades and the synthesis of metallic nanowires. *Nano Lett*, 9, 2040.
7. Llobera A, Cadarso VJ, Darder M, Dominguez C, Fernandez-Sanchez C. (2008) Full-field photonic biosensors based on tunable bio-doped sol-gel glasses. *Lab Chip*, 8, 1185.
8. Ozyurek M, Bektasoglu B, Guclu K, Gungor N, Apak R. (2008) Simultaneous total antioxidant capacity assay of lipophilic and hydrophilic antioxidants in the same acetone-water solution containing 2% methyl-beta-cyclodextrin using the cupric reducing antioxidant capacity (CUPRAC) method. *Anal Chim Acta*, 630, 28.
9. Ryan BJ, O'Fagain C. (2008) Effects of mutations in the helix G region of horseradish peroxidase. *Biochimie*, 90, 1414.
10. Duarte-Vazquez MA, Garcia-Padilla S, Garcia-Almendarez BE, Whitaker JR, Regalado C. (2007) Broccoli processing wastes as a source of peroxidase. *J Agric Food Chem*, 55, 10396.
11. Hushpulian DM, Poloznikov AA, Savitski PA, Rozhkova AM, Chubar TA, Fechina VA, Orlova MA, Tishkov VI, Gazaryan IG, Lagrimini LM. (2007) Glutamic acid-141: a heme 'bodyguard' in anionic tobacco peroxidase. *Biol Chem*, 388, 373.
12. Naves AF, Carmona-Ribeiro AM, Petri DF. (2007) Immobilized horseradish peroxidase as a reusable catalyst for emulsion polymerization. *Langmuir*, 23, 1981.
13. Fruk L, Muller J, Niemeyer CM. (2006) Kinetic analysis of semisynthetic peroxidase enzymes containing a covalent DNA-heme adduct as the cofactor. *Chemistry*, 12, 7448.
14. Gill P, Forouzandeh M, Rahbarzadeh F, Ramezani R, Rasaei MJ. (2006) Production of anti-digoxigenin antibody HRP conjugate for PCR-ELISA DIG detection system. *J Immunoassay Immunochem*, 27, 303.
15. Hanko M, Bruns N, Tiller JC, Heinze J. (2006) Optical biochemical sensor for determining hydroperoxides in nonpolar organic liquids as archetype for sensors consisting of amphiphilic conetworks as immobilisation matrices. *Anal Bioanal Chem*, 386, 1273.
16. Bauduin P, Touraud D, Kunz W, Savelli MP, Pulvin S, Ninham BW. (2005) The influence of structure and composition of a reverse SDS microemulsion on enzymatic activities and electrical conductivities. *J Colloid Interface Sci*, 292, 244.
17. Pinna MC, Bauduin P, Touraud D, Monduzzi M, Ninham BW, Kunz W. (2005) Hofmeister effects in biology: effect of choline addition on the salt-induced super activity of horseradish peroxidase and its implication for salt resistance of plants. *J Phys Chem B*, 109, 16511.
18. Yu SJ, Zhang JC, Zhang YH, Zhang JY, Liu HC. (2005) [Influence of environmental factors on synthesis rate of hydrogen peroxide by *Streptococcus oralis*]. *Zhonghua Kou Qiang Yi Xue Za Zhi*, 40, 481.

19. Shan D, Cosnier S, Mousty C. (2004) HRP/[Zn-Cr-ABTS] redox clay-based biosensor: design and optimization for cyanide detection. *Biosens Bioelectron*, 20, 390.
20. Kamal JK, Behere DV. (2003) Activity, stability and conformational flexibility of seed coat soybean peroxidase. *J Inorg Biochem*, 94, 236.
21. Nunez-Delicado E, Sojo M, Garcia-Carmona F, Sanchez-Ferrer A. (2003) Anomalous oxidation of MDL 73,404 by horseradish peroxidase. *Int J Biochem Cell Biol*, 35, 183.
22. O'Brien AM, Smith AT, O'Fagain C. (2003) Effects of phthalic anhydride modification on horseradish peroxidase stability and activity. *Biotechnol Bioeng*, 81, 233.
23. Alcolea JF, Cano A, Acosta M, Arnao MB. (2002) Hydrophilic and lipophilic antioxidant activities of grapes. *Nahrung*, 46, 353.
24. Blank N, Gabler C, Schiller M, Kriegel M, Kalden JR, Lorenz HM. (2002) A fast, simple and sensitive method for the detection and quantification of detergent-resistant membranes. *J Immunol Methods*, 271, 25.
25. Cano A, Alcaraz O, Acosta M, Arnao MB. (2002) On-line antioxidant activity determination: comparison of hydrophilic and lipophilic antioxidant activity using the ABTS*+ assay. *Redox Rep*, 7, 103.
26. Smith K, Silvernail NJ, Rodgers KR, Elgren TE, Castro M, Parker RM. (2002) Sol-gel encapsulated horseradish peroxidase: a catalytic material for peroxidation. *J Am Chem Soc*, 124, 4247.
27. Duarte-Vazquez MA, Garcia-Almendarez BE, Regalado C, Whitaker JR. (2001) Purification and properties of a neutral peroxidase isozyme from turnip (*Brassica napus* L. Var. Purple Top White Globe) roots. *J Agric Food Chem*, 49, 4450.
28. Duarte-Vazquez MA, Garcia-Almendarez B, Regalado C, Whitaker JR. (2000) Purification and partial characterization of three turnip (*Brassic napus* L. var. *esculenta* D.C.) peroxidases. *J Agric Food Chem*, 48, 1574.
29. Morawski B, Lin Z, Cirino P, Joo H, Bandara G, Arnold FH. (2000) Functional expression of horseradish peroxidase in *Saccharomyces cerevisiae* and *Pichia pastoris*. *Protein Eng*, 13, 377.