

References for Products 11002 to 11004

1. Fung KK, Chan CP, Renneberg R. (2009) Development of enzyme-based bar code-style lateral-flow assay for hydrogen peroxide determination. *Anal Chim Acta*, 634, 89.
2. Lee CW, Chen YC, Ostafin A. (2009) The accuracy of Amplex Red assay for hydrogen peroxide in the presence of nanoparticles. *J Biomed Nanotechnol*, 5, 477.
3. Johnston PA, Soares KM, Shinde SN, Foster CA, Shun TY, Takyi HK, Wipf P, Lazo JS. (2008) Development of a 384-well colorimetric assay to quantify hydrogen peroxide generated by the redox cycling of compounds in the presence of reducing agents. *Assay Drug Dev Technol*, 6, 505.
4. Ozyurek M, Bektasoglu B, Guclu K, Apak R. (2008) Hydroxyl radical scavenging assay of phenolics and flavonoids with a modified cupric reducing antioxidant capacity (CUPRAC) method using catalase for hydrogen peroxide degradation. *Anal Chim Acta*, 616, 196.
5. Arakawa H, Masuda K, Tajima N, Maeda M. (2007) Chemiluminescence assay for tetrahydrobiopterin based on the generation of hydrogen peroxide using isoluminol-microperoxidase in the presence of 1-methoxy PMS. *Luminescence*, 22, 245.
6. Shao N, Krieger-Liszkay A, Schroda M, Beck CF. (2007) A reporter system for the individual detection of hydrogen peroxide and singlet oxygen: its use for the assay of reactive oxygen species produced in vivo. *Plant J*, 50, 475.
7. Wang H, Park SM. (2007) Polypyrrole-based optical probe for a hydrogen peroxide assay. *Anal Chem*, 79, 240.
8. Wu ZS, Zhang SB, Guo MM, Chen CR, Shen GL, Yu RQ. (2007) Homogeneous, unmodified gold nanoparticle-based colorimetric assay of hydrogen peroxide. *Anal Chim Acta*, 584, 122.
9. Chen XB, Zhao XH, Zhu Y, Gong YD, Li LB, Zhang JP, Kuang TY. (2006) Hydrogen peroxide-induced chlorophyll a bleaching in the cytochrome b6/f complex: a simple and effective assay for stability of the complex in detergent solutions. *Photosynth Res*, 90, 205.
10. Wyatt N, Kelly C, Fontana V, Merlo DF, Whitelaw D, Anderson D. (2006) The responses of lymphocytes from Asian and Caucasian diabetic patients and non-diabetics to hydrogen peroxide and sodium nitrite in the Comet assay. *Mutat Res*, 609, 154.
11. Durkop A, Wolfbeis OS. (2005) Nonenzymatic direct assay of hydrogen peroxide at neutral pH using the Eu3Tc fluorescent probe. *J Fluoresc*, 15, 755.
12. Mansouri A, Makris DP, Kefalas P. (2005) Determination of hydrogen peroxide scavenging activity of cinnamic and benzoic acids employing a highly sensitive peroxyoxalate chemiluminescence-based assay: structure-activity relationships. *J Pharm Biomed Anal*, 39, 22.
13. Leronis C, Mariscal A, Carnero M, Garcia-Rodriguez A, Fernandez-Crehuet J. (2004) Assessing the residual antibacterial activity of clinical materials disinfected with glutaraldehyde, o-phthalaldehyde, hydrogen peroxide or 2-bromo-2-nitro-1,3-propanediol by means of a bacterial toxicity assay. *Clin Microbiol Infect*, 10, 984.
14. Arnous A, Petrakis C, Makris DP, Kefalas P. (2002) A peroxyoxalate chemiluminescence-based assay for the evaluation of hydrogen peroxide scavenging activity employing 9,10-diphenylanthracene as the fluorophore. *J Pharmacol Toxicol Methods*, 48, 171.
15. Ferrer M, Sanchez-Lamar A, Luis Fuentes J, Barbe J, Llagostera M. (2002) Antimutagenic mechanisms of *Phyllanthus orbicularis* when hydrogen peroxide is tested using *Salmonella* assay. *Mutat Res*, 517, 251.
16. Ito Y, Lipschitz DA. (2002) Assay of intracellular hydrogen peroxide generation in activated neutrophils by flow cytometry. *Methods Mol Biol*, 196, 111.
17. Kalantari H, Azar JH, Elliott S. (2002) Study of the mutagenicity of "Hypiran" and "Sankol" in human blood cells and comparison with hydrogen peroxide by single cell gel electrophoresis (SCGE) or comet assay. *Drug Chem Toxicol*, 25, 141.

18. Clement MV, Ramalingam J, Long LH, Halliwell B. (2001) The in vitro cytotoxicity of ascorbate depends on the culture medium used to perform the assay and involves hydrogen peroxide. *Antioxid Redox Signal*, 3, 157.
19. Gasiorowski K, Brokos B. (2001) DNA repair of hydrogen peroxide-induced damage in human lymphocytes in the presence of four antimutagens. A study with alkaline single cell gel electrophoresis (comet assay). *Cell Mol Biol Lett*, 6, 897.
20. Jenkins GJ, Morgan C, Baxter JN, Parry EM, Parry JM. (2001) The detection of mutations induced in vitro in the human p53 gene by hydrogen peroxide with the restriction site mutation (RSM) assay. *Mutat Res*, 498, 135.
21. Nag S, Saha K, Choudhuri MA. (2000) A rapid and sensitive assay method for measuring amine oxidase based on hydrogen peroxide-titanium complex formation. *Plant Sci*, 157, 157.
22. Petersen AB, Gniadecki R, Vicanova J, Thorn T, Wulf HC. (2000) Hydrogen peroxide is responsible for UVA-induced DNA damage measured by alkaline comet assay in HaCaT keratinocytes. *J Photochem Photobiol B*, 59, 123.
23. Fenech M, Crott J, Turner J, Brown S. (1999) Necrosis, apoptosis, cytostasis and DNA damage in human lymphocytes measured simultaneously within the cytokinesis-block micronucleus assay: description of the method and results for hydrogen peroxide. *Mutagenesis*, 14, 605.
24. Queipo-Ortuno MI, Garcia-Ordenez MA, Colmenero JD, Morata P. (1999) Hydrogen peroxide improves the efficiency of a peripheral blood PCR assay for diagnosis of human brucellosis. *Biotechniques*, 27, 248.
25. Dringen R, Kussmaul L, Hamprecht B. (1998) Detoxification of exogenous hydrogen peroxide and organic hydroperoxides by cultured astroglial cells assessed by microtiter plate assay. *Brain Res Brain Res Protoc*, 2, 223.
26. Oral HB, George AJ, Haskard DO. (1998) A sensitive fluorometric assay for determining hydrogen peroxide-mediated sublethal and lethal endothelial cell injury. *Endothelium*, 6, 143.
27. Storer RJ, Ferrante A. (1998) Hydrogen peroxide assay for amine oxidase activity. *Methods Mol Biol*, 79, 81.
28. Duthie SJ, Collins AR. (1997) The influence of cell growth, detoxifying enzymes and DNA repair on hydrogen peroxide-mediated DNA damage (measured using the comet assay) in human cells. *Free Radic Biol Med*, 22, 717.
29. Demmano G, Selegny E, Vincent JC. (1996) Experimental procedure for a hydrogen peroxide assay based on the peroxidase-oxidase reaction. *Eur J Biochem*, 238, 785.
30. Parij N, Neve J. (1996) Nonsteroidal antiinflammatory drugs interact with horseradish peroxidase in an in vitro assay system for hydrogen peroxide scavenging. *Eur J Pharmacol*, 311, 259.
31. Nakashima K, Kuroda N, Kawaguchi S, Wada M, Akiyama S. (1995) Peroxyoxalate chemiluminescent assay for oxidase activities based on detecting enzymatically formed hydrogen peroxide. *J Biolumin Chemilumin*, 10, 185.
32. Boutelet I, Alexandre S, Vincent JC. (1994) A hydrogen peroxide assay based on the peroxidase-oxidase reaction. Numerical simulation of the reaction mechanism. *Eur J Biochem*, 223, 489.
33. Rapoport R, Hanukoglu I, Sklan D. (1994) A fluorimetric assay for hydrogen peroxide, suitable for NAD(P)H-dependent superoxide generating redox systems. *Anal Biochem*, 218, 309.
34. Sorensen K. (1994) Use of a hydrogen peroxide assay for the measurement of strong oxidizers such as perborate, periodate, and persulfate. *Anal Biochem*, 218, 473.
35. Baker WL. (1991) Potential interference of hydrogen peroxide in the 2,2'-bicinchoninic acid protein assay. *Anal Biochem*, 192, 212.
36. Negri M, Bellavite P, Lauciello C, Guzzo P, Zatti M. (1991) A photometric assay for hydrogen peroxide production by polymorphonuclear leucocytes. *Clin Chim Acta*, 199, 305.
37. Corbett JT. (1989) The scopoletin assay for hydrogen peroxide. A review and a better method. *J Biochem Biophys Methods*, 18, 297.

38. Dumas P, Frayse M, Nicot G, Lachatre G, Habrioux G. (1989) [Hydrogen peroxide assay by chemoluminescence]. *Ann Biol Clin (Paris)*, 47, 159.
39. Lespinas F, Dupuy G, Revol F, Aubry C. (1989) Enzymic urea assay: a new colorimetric method based on hydrogen peroxide measurement. *Clin Chem*, 35, 654.
40. Prencipe L, Iaccheri E, Manzati C. (1987) Enzymic ethanol assay: a new colorimetric method based on measurement of hydrogen peroxide. *Clin Chem*, 33, 486.
41. Yamamoto Y, Ames BN. (1987) Detection of lipid hydroperoxides and hydrogen peroxide at picomole levels by an HPLC and isoluminol chemiluminescence assay. *Free Radic Biol Med*, 3, 359.
42. Talmadge KW, Peck R. (1986) An assay for macrophage activating factor based on the adherence of oil-elicited guinea pig macrophages: characterization of a lymphokine-induced release of hydrogen peroxide from elicited macrophages. *Lymphokine Res*, 5, 35.
43. Test ST, Weiss SJ. (1986) Assay of the extracellular hydrogen peroxide pool generated by phagocytes. *Methods Enzymol*, 132, 401.
44. Fossati P, Prencipe L, Berti G. (1983) Enzymic creatinine assay: a new colorimetric method based on hydrogen peroxide measurement. *Clin Chem*, 29, 1494.
45. Iwai H, Ishihara F, Akihama S. (1983) A fluorometric rate assay of peroxidase using the homovanillic acid-o-dianisidine-hydrogen peroxide system. *Chem Pharm Bull (Tokyo)*, 31, 3579.
46. Vallfors B, Rosengren LE, Persson LI. (1982) Exposure of the cat brain surface to neurosurgical irrigation fluids, hydrogen peroxide and air. Quantitative assay of blood-brain barrier dysfunction. *Acta Neurochir (Wien)*, 64, 225.
47. Highley TL. (1981) Catalase-aminotriazole assay, an invalid method for measurement of hydrogen peroxide production by wood decay fungi. *Appl Environ Microbiol*, 42, 925.
48. Graf E, Penniston JT. (1980) Method for determination of hydrogen peroxide, with its application illustrated by glucose assay. *Clin Chem*, 26, 658.
49. Terashita M, Segawa S, Okamura K. (1978) [The use of hydrogenperoxide in clinical chemistry (II). Application of iodide and hydrogen peroxide as oxidizing reagents in modified method of Kind-King for serum (AI-p assay (author's transl))]. *Rinsho Byori*, 26, 365.
50. Mattiasson B. (1977) A general enzyme thermistor based on specific reversible immobilization using the antigen-antibody interaction. Assay of hydrogen peroxide, penicillin, sucrose, glucose, phenol and tyrosine. *FEBS Lett*, 77, 107.
51. Segawa S, Okamura K. (1977) [The use of hydrogen peroxide in clinical chemistry (I). Application of H₂O₂, POD as an oxidizing reagent in modified method of Kind-King for serum AI-P assay. (author's transl)]. *Rinsho Byori*, 25, 1031.
52. Dempsey PM, O'Leary J, Condon S. (1975) Polarographic assay of hydrogen peroxide accumulation in microbial cultures. *Appl Microbiol*, 29, 170.
53. Tietjen J, Mancott A. (1971) Rapid assay of hydrogen peroxide solution (USP 18) via UV spectrophotometry. *J Pharm Sci*, 60, 460.
54. DasGupta BR. (1969) Interference by hydrogen peroxide in the assay for tryptophan with p-dimethylaminobenzaldehyde by the method of Spies and Chambers. *Anal Biochem*, 30, 284.
55. Avi-Dor Y, Cutolo E, Paul KG. (1954) The assay of hydrogen peroxide in small quantities with horse radish peroxidase as catalyst. *Acta Physiol Scand*, 32, 314.
56. Deutsch HF. (1946) Effect of cysteine-hydrogen peroxide treatments on the electrophoretic and immunological assay behavior of human gamma globulin. *J Am Chem Soc*, 68, 2625.