

References for Product 15250

1. Teranishi K. (2006) Development of imidazopyrazinone red-chemiluminescent probes for detecting superoxide anions via a chemiluminescence resonance energy transfer method. *Luminescence*.
2. Masui S, Majima T, Nakamura K, Ito-Kuwa S, Takeo K, Aoki S. (2004) Chemiluminescent visualization of superoxide generated by *Candida albicans*. *Med Mycol*, 42, 427.
3. Okai Y, Sato EF, Higashi-Okai K, Inoue M. (2004) Effect of endocrine disruptor para-nonylphenol on the cell growth and oxygen radical generation in *Escherichia coli* mutant cells deficient in catalase and superoxide dismutase. *Free Radic Biol Med*, 37, 1412.
4. Yamaguchi K, Uematsu D, Itoh Y, Watanabe S, Fukuuchi Y. (2002) In vivo measurement of superoxide in the cerebral cortex during anoxia-reoxygenation and ischemia-reperfusion. *Keio J Med*, 51, 201.
5. Hasegawa T, Kikuyama M, Sakurai K, Kambayashi Y, Adachi M, Saniabadi AR, Kuwano H, Nakano M. (2002) Mechanism of superoxide anion production by hepatic sinusoidal endothelial cells and Kupffer cells during short-term ethanol perfusion in the rat. *Liver*, 22, 321.
6. Sakurai T, Terakawa S. (2002) Superoxide production in the islet of Langerhans detected by the MCLA chemiluminescence method. *Methods Mol Biol*, 196, 203.
7. Yoshida T, Tanaka M, Okamoto K. (2002) Immunoglobulin G induces microglial superoxide production. *Neurol Res*, 24, 361.
8. Hasegawa T, Nakano M, Hashimoto T, Hiraishi K, Suzuki K, Kuwano H. (2001) Sinusoidal endothelial cell injury by superoxide anion and iron in the *Propionibacterium acnes*-pretreated and lipopolysaccharide-stimulated rat liver. *Liver*, 21, 415.
9. Aoki S, Ito-Kuwa S, Nakamura K, Nakamura Y, Vidotto V, Takeo K. (2002) Chemiluminescence of superoxide generated by *Candida albicans*: differential effects of the superoxide generator paraquat on a wild-type strain and a respiratory mutant. *Med Mycol*, 40, 13.
10. Masuda H, Tanaka T, Tateishi M, Naito M, Tamai H. (2001) Detection and cytotoxicity of cisplatin-induced superoxide anion in monolayer cultures of a human ovarian cancer cell line. *Cancer Chemother Pharmacol*, 47, 155.
11. Midorikawa J, Maehara K, Yaoita H, Watanabe T, Ohtani H, Ushiroda S, Maruyama Y. (2001) Continuous observation of superoxide generation in an in-situ ischemia-reperfusion rat lung model. *Jpn Circ J*, 65, 207.
12. Sumi D, Hayashi T, Thakur NK, Jayachandran M, Asai Y, Kano H, Matsui H, Iguchi A. (2001) A HMG-CoA reductase inhibitor possesses a potent anti-atherosclerotic effect other than serum lipid lowering effects--the relevance of endothelial nitric oxide synthase and superoxide anion scavenging action. *Atherosclerosis*, 155, 347.
13. Tampo Y, Tsukamoto M, Yonaha M. (1999) Superoxide production from paraquat evoked by exogenous NADPH in pulmonary endothelial cells. *Free Radic Biol Med*, 27, 588.
14. Zhang L, Yu L, Yu CA. (1998) Generation of superoxide anion by succinate-cytochrome c reductase from bovine heart mitochondria. *J Biol Chem*, 273, 33972.
15. Tampo Y, Tsukamoto M, Yonaha M. (1998) The antioxidant action of 2-methyl-6-(p-methoxyphenyl)-3,7-dihydroimidazo[1,2-alpha]pyrazin-3-one (MCLA), a chemiluminescence probe to detect superoxide anions. *FEBS Lett*, 430, 348.
16. Shimomura O, Wu C, Murai A, Nakamura H. (1998) Evaluation of five imidazopyrazinone-type chemiluminescent superoxide probes and their application to the measurement of superoxide anion generated by *Listeria monocytogenes*. *Anal Biochem*, 258, 230.
17. Yoshida T, Tanaka M, Sotomatsu A, Okamoto K, Hirai S. (1998) Serum of Behcet's disease enhances superoxide production of normal neutrophils. *Free Radic Res*, 28, 39.
18. Oosthuizen MM, Engelbrecht ME, Lambrechts H, Greyling D, Levy RD. (1997) The effect of pH on chemiluminescence of different probes exposed to superoxide and singlet oxygen generators. *J Biolumin Chemilumin*, 12, 277.

19. Yamamoto Y, Kambayashi Y, Ito T, Watanabe K, Nakano M. (1997) 1,2-Diacylglycerol hydroperoxides induce the generation and release of superoxide anion from human polymorphonuclear leukocytes. *FEBS Lett*, 412, 461.
20. Teranishi K, Shimomura O. (1997) Coelenterazine analogs as chemiluminescent probe for superoxide anion. *Anal Biochem*, 249, 37.
21. Ushiroda S, Maruyama Y, Nakano M. (1997) Continuous detection of superoxide in situ during ischemia and reperfusion in the rabbit heart. *Jpn Heart J*, 38, 91.
22. Matsugo S, Konishi T, Matsuo D, Tritschler HJ, Packer L. (1996) Reevaluation of superoxide scavenging activity of dihydrolipoic acid and its analogues by chemiluminescent method using 2-methyl-6-[p-methoxyphenyl]-3,7-dihydroimidazo-[1,2-a]pyrazine-3-one (MCLA) as a superoxide probe. *Biochem Biophys Res Commun*, 227, 216.
23. Wada K, Umemura K, Nishiyama H, Saniabadi AR, Takiguchi Y, Nakano M, Nakashima M. (1996) A chemiluminescent detection of superoxide radical produced by adherent leucocytes to the subendothelium following thrombolysis: studies with a photochemically induced thrombosis model in the guinea pig femoral artery. *Atherosclerosis*, 122, 217.
24. Wada K, Kamisaki Y, Nakamoto K, Itoh T. (1996) Effect of cystathioneine as a scavenger of superoxide generated from human leukocytes or derived from xanthine oxidase in vitro. *Eur J Pharmacol*, 296, 335.
25. Kishimoto W, Nakao A, Nakano M, Takahashi A, Inaba H, Takagi H. (1995) Detection of superoxide free radicals in rats with acute pancreatitis. *Pancreas*, 11, 122.
26. Hayakawa H, Sato A, Yagi T, Uchiyama H, Ide K, Nakano M. (1995) Superoxide generation by alveolar macrophages from aged rats: improvement by in vitro treatment with IFN-gamma. *Mech Ageing Dev*, 80, 199.
27. Wada K, Saniabadi AR, Umemura K, Nakano M, Ito T, Nakashima M. (1995) Direct measurement of superoxide-dependent chemiluminescence from rat skin following UV-dependent fluoroquinolone-induced dermatitis. *Free Radic Biol Med*, 18, 923.
28. Yoshida T, Tanaka M, Sotomatsu A, Hirai S. (1995) Activated microglia cause superoxide-mediated release of iron from ferritin. *Neurosci Lett*, 190, 21.
29. de Lamirande E, Gagnon C. (1995) Capacitation-associated production of superoxide anion by human spermatozoa. *Free Radic Biol Med*, 18, 487.
30. Saitoh D, Kadota T, Okada Y, Masuda Y, Ohno H, Inoue M. (1995) Direct evidence for the occurrence of superoxide radicals in the small intestine of the burned rat. *Am J Emerg Med*, 13, 37.
31. Yoshida T, Sotomatsu A, Tanaka M, Hirai S. (1994) Inhibitory effect of bifemelane on superoxide generation by activated neutrophils measured using a simple chemiluminescence method. *Free Radic Res*, 21, 371.
32. Tanaka M, Sotomatsu A, Yoshida T, Hirai S, Nishida A. (1994) Detection of superoxide production by activated microglia using a sensitive and specific chemiluminescence assay and microglia-mediated PC12h cell death. *J Neurochem*, 63, 266.
33. Sotomatsu A, Tanaka M, Hirai S. (1994) Synthetic melanin and ferric ions promote superoxide anion-mediated lipid peroxidation. *FEBS Lett*, 342, 105.
34. Nishida A, Misaki Y, Kuruta H, Takashima S. (1994) Developmental expression of copper, zinc-superoxide dismutase in human brain by chemiluminescence. *Brain Dev*, 16, 40.
35. Nishinaka Y, Aramaki Y, Yoshida H, Masuya H, Sugawara T, Ichimori Y. (1993) A new sensitive chemiluminescence probe, L-012, for measuring the production of superoxide anion by cells. *Biochem Biophys Res Commun*, 193, 554.
36. Kurosawa M, Ishizuka T. (1993) Inhibitory effects of vasoactive intestinal peptide on superoxide anion formation by N-formyl-methionyl-leucyl-phenylalanine-activated inflammatory cells in vitro. *Int Arch Allergy Immunol*, 100, 28.
37. Pronai L, Nakazawa H, Ichimori K, Saigusa Y, Ohkubo T, Hiramatsu K, Arimori S, Feher J. (1992) Time course of superoxide generation by leukocytes--the MCLA chemiluminescence system. *Inflammation*, 16, 437.

38. Ishizuka T, Kurosawa M, Hanawa K, Aoki S, Kobayashi H, Mori M. (1992) [Inhibitory effects of vasoactive intestinal peptide on superoxide anion generation from stimulated human inflammatory cells]. *Arerugi*, 41, 504.
39. Pronai L, Hiramatsu K, Saigusa Y, Nakazawa H. (1991) Low superoxide scavenging activity associated with enhanced superoxide generation by monocytes from male hypertriglyceridemia with and without diabetes. *Atherosclerosis*, 90, 39.
40. Pronai L, Ichimori K, Saigusa Y, Nakazawa H. (1991) 5,5-dimethyl-1-pyrroline-N-oxide alone enhances the spontaneous superoxide generation by primaquine. *Arch Biochem Biophys*, 288, 276.
41. Ono K, Kimura S, Nakano M, Naruse T. (1991) Detection of heterogeneity of Cu, Zn-superoxide dismutase with monoclonal antibodies and the establishment of a highly sensitive fluorescence sandwich enzyme-linked immunosorbent assay. *FEBS Lett*, 282, 115.
42. Kurosawa M, Ishizuka T, Kobayashi S, Nakano M. (1991) Effects of antiallergic drugs on superoxide anion generation from activated human alveolar macrophages measured by chemiluminescence method. *Arzneimittelforschung*, 41, 47.
43. Kurosawa M, Ishizuka T, Kobayashi S, Nakano M, Yodoi J. (1991) Effects of azelastine on superoxide anion generation from gamma interferon treated human monoblast cell line U937 measured by chemiluminescence method. *Arzneimittelforschung*, 41, 43.
44. Kato M, Morikawa A, Kimura H, Shimizu T, Nakano M, Kuroume T. (1991) Effects of antiasthma drugs on superoxide anion generation from human polymorphonuclear leukocytes or hypoxanthine-xanthine oxidase system. *Int Arch Allergy Appl Immunol*, 96, 128.
45. Pronai L, Arimori S. (1991) Protective effect of carboxyethylgermanium sesquioxide (Ge-132) on superoxide generation by 60Co-irradiated leukocytes. *Biotherapy*, 3, 273.
46. Kurosawa M, Hanawa K, Kobayashi S, Nakano M. (1990) Inhibitory effects of azelastine on superoxide anion generation from activated inflammatory cells measured by a simple chemiluminescence method. *Arzneimittelforschung*, 40, 767.