

References for Products 5523 and 5525

1. Dale GL, Remenyi G, Friese P. (2005) Quantitation of microparticles released from coated-platelets. *J Thromb Haemost*, 3, 2081.
2. Chen J, Lu Z, Lawrence TS, Smith DE. (2005) Determination of WR-1065 in human blood by high-performance liquid chromatography following fluorescent derivatization by a maleimide reagent ThioGlo3. *J Chromatogr B Analyt Technol Biomed Life Sci*, 819, 161.
3. Chowdhury SM, Munske GR, Siems WF, Bruce JE. (2005) A new maleimide-bound acid-cleavable solid-support reagent for profiling phosphorylation. *Rapid Commun Mass Spectrom*, 19, 899.
4. Natarajan A, Xiong CY, Albrecht H, DeNardo GL, DeNardo SJ. (2005) Characterization of site-specific ScFv PEGylation for tumor-targeting pharmaceuticals. *Bioconjug Chem*, 16, 113.
5. Li J, Xu Q, Cortes DM, Perozo E, Laskey A, Karlin A. (2002) Reactions of cysteines substituted in the amphipathic N-terminal tail of a bacterial potassium channel with hydrophilic and hydrophobic maleimides. *Proc Natl Acad Sci U S A*, 99, 11605.
6. Heldermon CD, Tlapak-Simmons VL, Baggenstoss BA, Weigel PH. (2001) Site-directed mutation of conserved cysteine residues does not inactivate the *Streptococcus pyogenes* hyaluronan synthase. *Glycobiology*, 11, 1017.
7. Manalo DJ, Liu AY. (2001) Resolution, detection, and characterization of redox conformers of human HSF1. *J Biol Chem*, 276, 23554.
8. Krauss S, Brand MD. (2000) Quantitation of signal transduction. *Faseb J*, 14, 2581.
9. Viner RI, Williams TD, Schoneich C. (1999) Peroxynitrite modification of protein thiols: oxidation, nitrosylation, and S-glutathiolation of functionally important cysteine residue(s) in the sarcoplasmic reticulum Ca-ATPase. *Biochemistry*, 38, 12408.
10. Tsikas D, Sandmann J, Holzberg D, Pantazis P, Raida M, Frolich JC. (1999) Determination of S-nitrosoglutathione in human and rat plasma by high-performance liquid chromatography with fluorescence and ultraviolet absorbance detection after precolumn derivatization with o-phthalaldehyde. *Anal Biochem*, 273, 32.
11. Wright SK, Viola RE. (1998) Evaluation of methods for the quantitation of cysteines in proteins. *Anal Biochem*, 265, 8.
12. Scovassi AI, Stivala LA, Rossi L, Bianchi L, Prosperi E. (1997) Nuclear association of cyclin D1 in human fibroblasts: tight binding to nuclear structures and modulation by protein kinase inhibitors. *Exp Cell Res*, 237, 127.
13. Arroyo C, Lopez-Calull C, Garcia-Capdevila L, Gich I, Barbanoj M, Bonal J. (1997) Determination of captopril in plasma by high-performance liquid chromatography for pharmacokinetic studies. *J Chromatogr B Biomed Sci Appl*, 688, 339.
14. Ercal N, Oztezcan S, Hammond TC, Matthews RH, Spitz DR. (1996) High-performance liquid chromatography assay for N-acetylcysteine in biological samples following derivatization with N-(1-pyrenyl)maleimide. *J Chromatogr B Biomed Appl*, 685, 329.
15. Jehanli AM, Arafat T, al-Shami M. (1996) Determination of captopril in human blood by an enzyme-linked immunosorbent assay. *J Pharm Pharmacol*, 48, 914.
16. Singh R. (1994) A sensitive assay for maleimide groups. *Bioconjug Chem*, 5, 348.
17. Emerson D, Ghiorse WC. (1993) Role of disulfide bonds in maintaining the structural integrity of the sheath of *Leptothrix discophora* SP-6. *J Bacteriol*, 175, 7819.
18. Bazaes S, Silva R, Goldie H, Cardemil E, Jabalquinto AM. (1993) Reactivity of cysteinyl, arginyl, and lysyl residues of *Escherichia coli* phosphoenolpyruvate carboxykinase against group-specific chemical reagents. *J Protein Chem*, 12, 571.
19. Slomiany A, Grzelinska E, Kasinathan C, Yamaki K, Palecz D, Slomiany BL. (1992) Function of intracellular phospholipase A2 in vectorial transport of apoproteins from ER to Golgi. *Int J Biochem*, 24, 1397.
20. Yamaguchi T, Kimoto E. (1992) Inhibition of phosphate transport across the human erythrocyte membrane by chemical modification of sulfhydryl groups. *Biochemistry*, 31, 1968.

21. Chiacchia KB. (1991) Quantitation of the class I disulfides of the insulin receptor. *Biochem Biophys Res Commun*, 176, 1178.
22. Van der Sluijs P, Bennett MK, Antony C, Simons K, Kreis TE. (1990) Binding of exocytic vesicles from MDCK cells to microtubules in vitro. *J Cell Sci*, 95 (Pt 4), 545.
23. Brovelli A, Seppi C, Castellana AM, De Renzis MR, Blasina A, Balduini C. (1990) Oxidative lesion to membrane proteins in senescent erythrocytes. *Biomed Biochim Acta*, 49, S218.
24. Terouanne B, Bencheick M, Balaguer P, Boussioux AM, Nicolas JC. (1989) Bioluminescent assays using glucose-6-phosphate dehydrogenase: application to biotin and streptavidin detection. *Anal Biochem*, 180, 43.
25. Modrak DE, Wu LN, Alberta JA, Fisher RR. (1988) Conformational features of bovine heart mitochondrial transhydrogenase. *Biochemistry*, 27, 7665.
26. Aldwin L, Nitecki DE. (1987) A water-soluble, monitorable peptide and protein crosslinking agent. *Anal Biochem*, 164, 494.
27. Ayers FC, Warner GL, Smith KL, Lawrence DA. (1986) Fluorometric quantitation of cellular and nonprotein thiols. *Anal Biochem*, 154, 186.
28. Jennings LK, Brown LK, Dockter ME. (1985) Quantitation of protein 3 content of circulating erythrocytes at the single-cell level. *Blood*, 65, 1256.
29. Shimada K, Tanaka M, Nambara T, Imai Y. (1984) Determination of a new antihypertensive agent (2R,4R)-2-(2-hydroxyphenyl)-3-(3-mercaptopropionyl)-4-thiazolidinecarboxylic acid in blood by high-performance liquid chromatography with electrochemical detection. *J Pharm Sci*, 73, 119.
30. Miners JO, Fearnley I, Smith KJ, Birkett DJ, Brooks PM, Whitehouse MW. (1983) Analysis of D-penicillamine in plasma by fluorescence derivatisation with N-[p-(2-benzoxazolyl)-phenyl] maleimide and high-performance liquid chromatography. *J Chromatogr*, 275, 89.
31. Lamont JT, Ventola AS, Maull EA, Szabo S. (1983) Cysteamine and prostaglandin F₂ beta stimulate rat gastric mucin release. *Gastroenterology*, 84, 306.
32. Berliner LJ. (1983) The spin-label approach to labeling membrane protein sulfhydryl groups. *Ann N Y Acad Sci*, 414, 153.
33. Shimada K, Tanaka M, Nambara T, Imai Y, Abe K, Yoshinaga K. (1982) Determination of captopril in human blood by high-performance liquid chromatography with electrochemical detection. *J Chromatogr*, 227, 445.
34. Schleifer LS, Kahn RA, Hanski E, Northup JK, Sternweis PC, Gilman AG. (1982) Requirements for cholera toxin-dependent ADP-ribosylation of the purified regulatory component of adenylate cyclase. *J Biol Chem*, 257, 20.
35. Broekaert D, Coucke P, Nsabumukunzi S, Reyniers P, van Oostveldt P, Kluyskens P, Gillis E. (1982) Quantitative determination of free thiol and disulphide groups by a fluorescent maleimide procedure. *Acta Histochem*, 70, 62.
36. Sippel TO. (1981) Microfluorometric analysis of protein thiol groups with a coumarinylphenylmaleimide. *J Histochem Cytochem*, 29, 1377.
37. Wiese DA, Sippel TO. (1981) Microphotometric analysis of protein-bound thiols and disulfides with an azogenic maleimide. *J Histochem Cytochem*, 29, 817.
38. Solum NO, Hagen I, Filion-Myklebust C, Stabaek T. (1980) Platelet glycofocalicin. Its membrane association and solubilization in aqueous media. *Biochim Biophys Acta*, 597, 235.
39. Liburdy RP. (1979) Antibody induced fluorescence enhancement of an N-(3-pyrene)maleimide conjugate of rabbit anti-human immunoglobulin G: quantitation of human IgG. *J Immunol Methods*, 28, 233.