

References for Product 12500

1. Montefiori DC. (2009) Measuring HIV Neutralization in a Luciferase Reporter Gene Assay. *Methods Mol Biol*, 485, 395.
2. Alcaraz-Perez F, Mulero V, Cayuela ML. (2008) Application of the dual-luciferase reporter assay to the analysis of promoter activity in Zebrafish embryos. *BMC Biotechnol*, 8, 81.
3. Capul AA, de la Torre JC. (2008) A cell-based luciferase assay amenable to high-throughput screening of inhibitors of arenavirus budding. *Virology*, 382, 107.
4. Chen H, Zou Y, Shang Y, Lin H, Wang Y, Cai R, Tang X, Zhou JM. (2008) Firefly luciferase complementation imaging assay for protein-protein interactions in plants. *Plant Physiol*, 146, 368.
5. Kamachi Y, Okuda Y, Kondoh H. (2008) Quantitative assessment of the knockdown efficiency of morpholino antisense oligonucleotides in zebrafish embryos using a luciferase assay. *Genesis*, 46, 1.
6. Ketteler R, Seed B. (2008) Quantitation of autophagy by luciferase release assay. *Autophagy*, 4, 801.
7. Marques SM, da Silva JC. (2008) An optimized luciferase bioluminescent assay for coenzyme A. *Anal Bioanal Chem*, 391, 2161.
8. Morlighem JE, Petit C, Tzertzinis G. (2007) Determination of silencing potency of synthetic and RNase III-generated siRNA using a secreted luciferase assay. *Biotechniques*, 42, 599.
9. McCarthy SE, Licata JM, Harty RN. (2006) A luciferase-based budding assay for Ebola virus. *J Virol Methods*, 137, 115.
10. Wetley FR, Jackson AP. (2006) Luciferase reporter assay. *Subcell Biochem*, 40, 423.
11. Zhao L, Haslam DB. (2005) A quantitative and highly sensitive luciferase-based assay for bacterial toxins that inhibit protein synthesis. *J Med Microbiol*, 54, 1023.
12. Kolokoltsov AA, Davey RA. (2004) Rapid and sensitive detection of retrovirus entry by using a novel luciferase-based content-mixing assay. *J Virol*, 78, 5124.
13. Tanaka M, Xiao H, Hirata Y, Kiuchi K. (2003) A rapid assay for glial cell line-derived neurotrophic factor and neurturin based on transfection of cells with tyrosine hydroxylase promoter-luciferase construct. *Brain Res Brain Res Protoc*, 11, 119.
14. Yang NC, Ho WM, Chen YH, Hu ML. (2002) A convenient one-step extraction of cellular ATP using boiling water for the luciferin-luciferase assay of ATP. *Anal Biochem*, 306, 323.
15. Di Tomaso G, Borghese R, Zannoni D. (2001) Assay of ATP in intact cells of the facultative phototroph *Rhodobacter capsulatus* expressing recombinant firefly luciferase. *Arch Microbiol*, 177, 11.
16. Dyer BW, Ferrer FA, Klinedinst DK, Rodriguez R. (2000) A noncommercial dual luciferase enzyme assay system for reporter gene analysis. *Anal Biochem*, 282, 158.
17. Williams SL, Harris NB, Barletta RG. (1999) Development of a firefly luciferase-based assay for determining antimicrobial susceptibility of *Mycobacterium avium* subsp. *paratuberculosis*. *J Clin Microbiol*, 37, 304.
18. Koseki S, Ohkawa J, Yamamoto R, Takebe Y, Taira K. (1998) A simple assay system for examination of the inhibitory potential in vivo of decoy RNAs, ribozymes and other drugs by measuring the Tat-mediated transcription of a fusion gene composed of the long terminal repeat of HIV-1 and a gene for luciferase. *J Control Release*, 53, 159.
19. Souriau C, Fort P, Roux P, Hartley O, Lefranc MP, Weill M. (1997) A simple luciferase assay for signal transduction activity detection of epidermal growth factor displayed on phage. *Nucleic Acids Res*, 25, 1585.
20. Turman MA, Mathews A. (1996) A simple luciferase assay to measure atp levels in small numbers of cells using a fluorescent plate reader. *In Vitro Cell Dev Biol Anim*, 32, 1.
21. Sarkis GJ, Jacobs WR, Jr., Hatfull GF. (1995) L5 luciferase reporter mycobacteriophages: a sensitive tool for the detection and assay of live mycobacteria. *Mol Microbiol*, 15, 1055.

22. Brovko L, Romanova NA, Ugarova NN. (1994) Bioluminescent assay of bacterial intracellular AMP, ADP, and ATP with the use of a coimmobilized three-enzyme reagent (adenylate kinase, pyruvate kinase, and firefly luciferase). *Anal Biochem*, 220, 410.
23. Weyer U, Schafer R, Himmler A, Mayer SK, Burger E, Czernilofsky AP, Stratowa C. (1993) Establishment of a cellular assay system for G protein-linked receptors: coupling of human NK2 and 5-HT2 receptors to phospholipase C activates a luciferase reporter gene. *Receptors Channels*, 1, 193.
24. Kopylova-Sviridova TN, Krauzova VI, Timiryasova TM, Gorelova TV, Shuppe NG, Fodor I. (1992) Transient expression assay in a baculovirus system using firefly luciferase gene as a reporter. *Virus Genes*, 6, 379.
25. Naderi S, Melchior DL. (1990) A firefly luciferase assay for subnanomolar concentrations of amphipathic substances. *Anal Biochem*, 190, 304.
26. Beard WA, Dilley RA. (1988) ATP formation onset lag and post-illumination phosphorylation initiated with single-turnover flashes. I. An assay using luciferin-luciferase luminescence. *J Bioenerg Biomembr*, 20, 85.
27. Sheppard EP, Gow JA, Georghiou PE. (1987) Luciferin-luciferase assay of adenosine triphosphate from bacteria: a comparison of dimethylsulphoxide (DMSO) and acetone with other solvents. *Microbios*, 52, 39.
28. Lilley RM, Grahame PK, Ali SR. (1985) Determination of picomole amounts of glycerate 3-phosphate, glycerate 2-phosphate, and phosphoenol pyruvate by an enzymatic assay coupled to firefly luciferase/luciferin luminescence. *Anal Biochem*, 148, 282.
29. Nitschmann WH. (1985) A firefly luciferase assay for determination of cytidine 5'-triphosphate in biological samples. *Anal Biochem*, 147, 186.
30. Thore A, Lundin A, Ansehn S. (1983) Firefly luciferase ATP assay as a screening method for bacteriuria. *J Clin Microbiol*, 17, 218.
31. McWalter PW. (1984) Determination of susceptibility of *Staphylococcus aureus* to methicillin by luciferin-luciferase assay of bacterial adenosine triphosphate. *J Appl Bacteriol*, 56, 145.
32. Ford J, DeLuca M. (1981) A new assay for picomole levels of androsterone and testosterone using Co-immobilized luciferase, oxidoreductase, and steroid dehydrogenase. *Anal Biochem*, 110, 43.
33. Ching TM. (1981) A rapid and sensitive assay of ADP glucose pyrophosphorylase using luciferase. *Anal Biochem*, 111, 327.
34. Lundin A, Styrelius I. (1978) Sensitive assay of creatine kinase isoenzymes in human serum using M subunit inhibiting antibody and firefly luciferase. *Clin Chim Acta*, 87, 199.
35. Nilsson L. (1978) New rapid bioassay of gentamicin based on luciferase assay of extracellular ATP in bacterial cultures. *Antimicrob Agents Chemother*, 14, 812.
36. Agren A, Brolin SE, Hjerten S. (1977) Simplified luciferase assay of NAD⁺ applied to microsamples from liver, kidney and pancreatic islets. *Biochim Biophys Acta*, 500, 103.
37. Kimmich GA, Randles J, Brand JS. (1975) Assay of picomole amounts of ATP, ADP, and AMP using the luciferase enzyme system. *Anal Biochem*, 69, 187.
38. Holmsen H, Storm E, Day HJ. (1972) Determination of ATP and ADP in blood platelets: a modification of the firefly luciferase assay for plasma. *Anal Biochem*, 46, 489.
39. David JL, Herion F. (1972) Assay of platelet ATP and ADP by the luciferase method: some theoretical and practical aspects. *Adv Exp Med Biol*, 34, 341.
40. Balharry GJ, Nicholas DJ. (1971) New assay for ATP-sulphurylase using the luciferin-luciferase method. *Anal Biochem*, 40, 1.
41. Cortenbosch R, Schram E. (1971) Improvements in the bioluminescence assay of ATP with firefly luciferase. *Arch Int Physiol Biochim*, 79, 195.