

## **References for Products 3006 and 3017**

1. Aslan FM, Yu Y, Mohr SC, Cantor CR. (2005) Engineered single-chain dimeric streptavidins with an unexpected strong preference for biotin-4-fluorescein. *Proc Natl Acad Sci U S A*, 102, 8507.
2. Wu Y, Simons PC, Lopez GP, Sklar LA, Buranda T. (2005) Dynamics of fluorescence dequenching of ostrich-quenched fluorescein biotin: a multifunctional quantitative assay for biotin. *Anal Biochem*, 342, 221.
3. Humbert N, Zocchi A, Ward TR. (2005) Electrophoretic behavior of streptavidin complexed to a biotinylated probe: a functional screening assay for biotin-binding proteins. *Electrophoresis*, 26, 47.
4. Balthasar S, Michaelis K, Dinauer N, von Briesen H, Kreuter J, Langer K. (2005) Preparation and characterisation of antibody modified gelatin nanoparticles as drug carrier system for uptake in lymphocytes. *Biomaterials*, 26, 2723.
5. Schiestel T, Brunner H, Tovar GE. (2004) Controlled surface functionalization of silica nanospheres by covalent conjugation reactions and preparation of high density streptavidin nanoparticles. *J Nanosci Nanotechnol*, 4, 504.
6. Huang F, Wang G, Coleman T, Li N. (2003) Synthesis of adenosine derivatives as transcription initiators and preparation of 5' fluorescein- and biotin-labeled RNA through one-step in vitro transcription. *Rna*, 9, 1562.
7. Hoya K, Guterman LR, Miskolczi L, Hopkins LN. (2001) A novel intravascular drug delivery method using endothelial biotinylation and avidin-biotin binding. *Drug Deliv*, 8, 215.
8. Wu MM, Llopis J, Adams S, McCaffery JM, Kulomaa MS, Machen TE, Moore HP, Tsien RY. (2000) Organelle pH studies using targeted avidin and fluorescein-biotin. *Chem Biol*, 7, 197.
9. Kada G, Kaiser K, Falk H, Gruber HJ. (1999) Rapid estimation of avidin and streptavidin by fluorescence quenching or fluorescence polarization. *Biochim Biophys Acta*, 1427, 44.
10. Kada G, Falk H, Gruber HJ. (1999) Accurate measurement of avidin and streptavidin in crude biofluids with a new, optimized biotin-fluorescein conjugate. *Biochim Biophys Acta*, 1427, 33.
11. Adamczyk M, Chen YY, Moore JA, Mattingly PG. (1998) Estradiol-mimetic probes. Preparation of 17 alpha-(6-aminohexynyl)estradiol biotin, fluorescein and acridinium conjugates. *Bioorg Med Chem Lett*, 8, 1281.
12. Adamczyk M, Mattingly PG, Reddy RE. (1998) Synthesis of 6 beta-aminoestradiol and its biotin, acridinium, and fluorescein conjugates. *Steroids*, 63, 130.
13. Li X, James WM, Traganos F, Darzynkiewicz Z. (1995) Application of biotin, digoxigenin or fluorescein conjugated deoxynucleotides to label DNA strand breaks for analysis of cell proliferation and apoptosis using flow cytometry. *Biotech Histochem*, 70, 234.
14. Igloi GL, Schiefermayr E. (1993) Enzymatic addition of fluorescein- or biotin-riboUTP to oligonucleotides results in primers suitable for DNA sequencing and PCR. *Biotechniques*, 15, 486.
15. Hase S. (1992) Conversion of pyridylamino sugar chains to 1-amino-1-deoxy derivatives, intermediates for tagging with fluorescein and biotin. *J Biochem (Tokyo)*, 112, 266.
16. Weijers RN, de Brujin R, Mulder J, Kruijswijk H. (1990) Improved purification of human lactate dehydrogenase isoenzyme-3 and studies with its fluorescein isothiocyanate and biotin conjugates. *Clin Chem*, 36, 59.
17. Cecchini DJ, Guan KL, Giese RW. (1988) Staphylococcal nuclease high-performance liquid chromatographic characterization of diaminoctane-modified DNA and its biotin and fluorescein derivatives. *J Chromatogr*, 444, 97.
18. Al-Hakiem MH, Landon J, Smith DS, Nargessi RD. (1981) Fluorimetric assays for avidin and biotin based on biotin-induced fluorescence enhancement of fluorescein-labeled avidin. *Anal Biochem*, 116, 264.