

## **References for Products 11619 and 11620**

1. Aliyu IS, Isah HS, Afonja OA. (2006) Reference Interval of Serum Heat-stable Alkaline Phosphatase Activity in Pregnant Women in Zaria. *Niger Postgrad Med J*, 13, 31.
2. Chao TY, Lee SH, Chen MM, Neustadt DH, Chaudhry UA, Yam LT, Janckila AJ. (2005) Development of immunoassays for serum tartrate-resistant acid phosphatase isoform 5a. *Clin Chim Acta*, 359, 132.
3. Janckila AJ, Simons RM, Yam LT. (2004) Alternative immunoassay for tartrate-resistant acid phosphatase isoform 5b using the fluorogenic substrate naphthol ASBI-phosphate and heparin. *Clin Chim Acta*, 347, 157.
4. Guimaraes LH, Terenzi HF, Jorge JA, Leone FA, Polizeli ML. (2003) Extracellular alkaline phosphatase from the filamentous fungus *Aspergillus caesporosus*: purification and biochemical characterization. *Folia Microbiol (Praha)*, 48, 627.
5. Cronin A, Mowbray S, Durk H, Homburg S, Fleming I, Fisslthaler B, Oesch F, Arand M. (2003) The N-terminal domain of mammalian soluble epoxide hydrolase is a phosphatase. *Proc Natl Acad Sci U S A*, 100, 1552.
6. Kokado A, Arakawa H, Maeda M. (2002) Chemiluminescent assay of alkaline phosphatase using dihydroxyacetone phosphate as substrate detected with lucigenin. *Luminescence*, 17, 5.
7. Lau CK, Lo SC, Li W, Churchich DR, Kwok F, Churchich JE. (1998) Partially folded conformations of inositol monophosphatase endowed with catalytic activity. *J Protein Chem*, 17, 789.
8. Rush JS, Waechter CJ. (1998) Topological studies on the enzymes catalyzing the biosynthesis of Glc-P-dolichol and the triglucosyl cap of Glc3Man9GlcNAc2-P-P-dolichol in microsomal vesicles from pig brain: use of the processing glucosidases I/II as latency markers. *Glycobiology*, 8, 1207.
9. Huang TM, Hung HC, Chang TC, Chang GG. (1998) Solvent kinetic isotope effects of human placental alkaline phosphatase in reverse micelles. *Biochem J*, 330 ( Pt 1), 267.
10. Turck F, Kozma SC, Thomas G, Nagy F. (1998) A heat-sensitive *Arabidopsis thaliana* kinase substitutes for human p70s6k function in vivo. *Mol Cell Biol*, 18, 2038.
11. Pasamontes L, Haiker M, Wyss M, Tessier M, van Loon AP. (1997) Gene cloning, purification, and characterization of a heat-stable phytase from the fungus *Aspergillus fumigatus*. *Appl Environ Microbiol*, 63, 1696.
12. Dvorakova J, Volfsova O, Kopecky J. (1997) Characterization of phytase produced by *Aspergillus niger*. *Folia Microbiol (Praha)*, 42, 349.
13. Hubel F, Beck E. (1996) Maize Root Phytase (Purification, Characterization, and Localization of Enzyme Activity and Its Putative Substrate). *Plant Physiol*, 112, 1429.
14. Ganzhorn AJ, Lepage P, Pelton PD, Strasser F, Vincendon P, Rondeau JM. (1996) The contribution of lysine-36 to catalysis by human myo-inositol monophosphatase. *Biochemistry*, 35, 10957.
15. Strasser F, Pelton PD, Ganzhorn AJ. (1995) Kinetic characterization of enzyme forms involved in metal ion activation and inhibition of myo-inositol monophosphatase. *Biochem J*, 307 ( Pt 2), 585.
16. Han R, Coleman JE. (1995) Dependence of the phosphorylation of alkaline phosphatase by phosphate monoesters on the pKa of the leaving group. *Biochemistry*, 34, 4238.
17. Simopoulos TT, Jencks WP. (1994) Alkaline phosphatase is an almost perfect enzyme. *Biochemistry*, 33, 10375.
18. Chang GG, Shiao SL. (1994) Possible kinetic mechanism of human placental alkaline phosphatase in vivo as implemented in reverse micelles. *Eur J Biochem*, 220, 861.
19. Chang TC, Huang SM, Huang TM, Chang GG. (1992) Human placental alkaline phosphatase. An improved purification procedure and kinetic studies. *Eur J Biochem*, 209, 241.
20. Kerkhof L. (1992) A comparison of substrates for quantifying the signal from a nonradiolabeled DNA probe. *Anal Biochem*, 205, 359.

21. Versaw WK, Bevins MA, Markwell J. (1991) Purification and properties of a 4-nitrophenylphosphatase from *Aspergillus niger*. *Arch Biochem Biophys*, 287, 85.
22. Thompson RQ, Barone GC, 3rd, Halsall HB, Heineman WR. (1991) Comparison of methods for following alkaline phosphatase catalysis: spectrophotometric versus amperometric detection. *Anal Biochem*, 192, 90.
23. Onica D, Rosendahl K, Waldenlind L. (1990) Further characterization of a heat-stable alkaline phosphatase with low sensitivity to L-phenylalanine. *Clin Chim Acta*, 194, 193.
24. Venetz WP, Mangan C, Siddiqi IW. (1990) Kinetic determination of alkaline phosphatase activity based on hydrolytic cleavage of the P-F bond in monofluorophosphate and fluoride ion-selective electrode. *Anal Biochem*, 191, 127.
25. Moonga BS, Moss DW, Patchell A, Zaidi M. (1990) Intracellular regulation of enzyme secretion from rat osteoclasts and evidence for a functional role in bone resorption. *J Physiol*, 429, 29.
26. Durocher V, Miller M, Rodriguez MA. (1990) Microsomal glycerolphosphate acyltransferase inactivation by fatty acids. *Can J Physiol Pharmacol*, 68, 1255.
27. Janda I, Jaensch H, Braun J, Wood WG. (1990) A comparison of four immunometric assays for myeloperoxidase using luminescent and colorimetric signal detection. *J Clin Chem Clin Biochem*, 28, 475.
28. Barclay R, Threlfall DR, Leighton I. (1989) Separation and properties of the haemolysins and extracellular enzymes of *Listeria monocytogenes* and *L. ivanovii*. *J Med Microbiol*, 30, 119.
29. Barclay R, Threlfall DR, Leighton I. (1989) Haemolysins and extracellular enzymes of *Listeria monocytogenes* and *L. ivanovii*. *J Med Microbiol*, 30, 111.
30. Butler-Ransohoff JE, Kendall DA, Freeman S, Knowles JR, Kaiser ET. (1988) Stereochemistry of phospho group transfer catalyzed by a mutant alkaline phosphatase. *Biochemistry*, 27, 4777.
31. Lewis VE, Donarski WJ, Wild JR, Raushel FM. (1988) Mechanism and stereochemical course at phosphorus of the reaction catalyzed by a bacterial phosphotriesterase. *Biochemistry*, 27, 1591.
32. Halbhuber KJ, Gossrau R, Moller U, Zimmermann N. (1988) Light-microscopic histochemistry of non-specific alkaline phosphatase using lanthanide-citrate complexes. *Histochemistry*, 90, 67.
33. Hall AD, Williams A. (1986) Leaving group dependence in the phosphorylation of *Escherichia coli* alkaline phosphatase by monophosphate esters. *Biochemistry*, 25, 4784.
34. Nayudu PR, Hannaford P, Lowe RM. (1986) Catalytic facilitation by diffusion of adsorbed substrate on membrane surface. *Biochem Biophys Res Commun*, 138, 803.
35. Billich A, Stockhowe U, Witzel H. (1986) Nucleoside phosphotransferase from malt sprouts. I. Isolation, characterization and specificity of the enzyme. *Biol Chem Hoppe Seyler*, 367, 267.
36. Williams SA, Culp JS, Butler LG. (1985) The relationship of alkaline phosphatase, CaATPase, and phytase. *Arch Biochem Biophys*, 241, 10.
37. Makinen PL. (1985) Biochemical studies on a novel vanadate- and molybdate-sensitive acid phosphatase from human epidermis. *J Invest Dermatol*, 85, 118.
38. Copeland WH, Nealon DA, Rej R. (1985) Effects of temperature on measurement of alkaline phosphatase activity. *Clin Chem*, 31, 185.
39. Hermann J, Mulner O, Belle R, Marot J, Tso J, Ozon R. (1984) In vivo effects of microinjected alkaline phosphatase and its low molecular weight substrates on the first meiotic cell division in *Xenopus laevis* oocytes. *Proc Natl Acad Sci U S A*, 81, 5150.
40. Martin-Vasallo P, Chomon B, Alonso MT, Tabernero JM, Battaner E. (1983) 4-nitrophenyl phosphatase activity of the red blood cell membrane in essential hypertension. *Clin Chim Acta*, 135, 1.
41. Tietz NW, Burtis CA, Duncan P, Ervin K, Petitclerc CJ, Rinker AD, Shuey D, Zygowicz ER. (1983) A reference method for measurement of alkaline phosphatase activity in human serum. *Clin Chem*, 29, 751.
42. Chromy V, Zahradnicek L, Voznicek J. (1981) Use of N-methyl-D-glucamine as buffer in the determination of serum alkaline phosphatase activity. *Clin Chem*, 27, 1729.

43. Auricchio F, Migliaccio A, Rotondi A. (1981) Inactivation of oestrogen receptor in vitro by nuclear dephosphorylation. *Biochem J*, 194, 569.
44. Bowers GN, Jr., McComb RB, Upretti A. (1981) 4-nitrophenyl phosphate--characterization of high-purity materials for measuring alkaline phosphatase activity in human serum. *Clin Chem*, 27, 135.
45. Rath FW, Grah R, Felicetti D. (1980) The histochemical behaviour of zinc-activated tartrate-resistant phosphatase (ZnTP) in early stages of experimental tumors in the rat trigeminal nerve. *Exp Pathol (Jena)*, 18, 25.
46. Felicetti D, Rath FW, Janisch W. (1979) [Zinc activated tartrate resistant phosphatases in the brains of different animal species and their characterization]. *Acta Biol Med Ger*, 38, K13.
47. Culbreth PH, Duncan IW, Burtis CA. (1977) 4-Nitrophenol in 4-nitrophenyl phosphate, a substrate for alkaline phosphatase, as measured by paired-ion high-performance liquid chromatography. *Clin Chem*, 23, 2288.
48. Breaudiere JP, Vassault A, Amsellem L, Pourci ML, Thieu-Phung H, Bailly M. (1977) Criteria for establishing a standardized method for determining alkaline phosphatase activity in human serum. *Clin Chem*, 23, 2263.
49. Burtis CA, Seibert LE, Baird MA, Sampson EJ. (1977) Temperature dependence of the absorbance of alkaline solutions of 4-nitrophenyl phosphate--a potential source of error in the measurement of alkaline phosphatase activity. *Clin Chem*, 23, 1541.
50. Kelly SJ, Dardinger DE, Butler LG. (1975) Hydrolysis of phosphonate esters catalyzed by 5'-nucleotide phosphodiesterase. *Biochemistry*, 14, 4983.
51. Dibenedetto G, Cozzani I. (1975) Nonspecific acid phosphatase from *Schizosaccharomyces pombe*. Purification and physical chemical properties. *Biochemistry*, 14, 2847.
52. Viitala AJ, Jokela HA, Penttila IM, Nummi S. (1975) A continuous-flow method for the determination of the activity of serum alkaline phosphatase in diethanolamine buffer. *Scand J Clin Lab Invest*, 35, 267.
53. Felicetti D, Rath FW. (1975) [The presence and isolation of a highly zinc activated acid phosphatase in the rat brain (author's transl)]. *Acta Histochem*, 53, 281.