

Lipase and Phospholipase Activity

"The substrate specificities of four different lysophospholipases as determined by a novel fluorescence assay." She HS, Garsetti DE, Steiner MR, Egan RW, Clark MA. *Biochem J* 298, 23-29 (1994) PN17051.

"Continuous measurement of phospholipase A2 activity using the fluorescent probe ADIFAB." Richieri GV, Kleinfeld AM. *Anal Biochem* 229, 256-263 (1995) PN20964.

"Mechanisms by which intracellular calcium induces susceptibility to secretory phospholipase a2 in human erythrocytes." Smith SK, Farnbach AR, Harris FM, Hawes AC, Jackson LR, Judd AM, Vest RS, Sanchez S, Bell JD. *J Biol Chem* 276, 22732-22741 (2001) PN43183.

"Evidence for a regulatory role of cholesterol superlattices in the hydrolytic activity of secretory phospholipase A2 in lipid membranes." Liu F, Chong PL. *Biochemistry* 38, 3867-3873 (1999) PN34306.

"Mechanisms by which elevated intracellular calcium induces S49 cell membranes to become susceptible to the action of secretory phospholipase A2." Wilson HA, Waldrip JB, Nielson KH, Judd AM, Han SK, Cho W, Sims PJ, Bell JD. *J Biol Chem* 274, 11494-11504 (1999) PN35053.

"Definition of the specific roles of lysolecithin and palmitic acid in altering the susceptibility of dipalmitoylphosphatidylcholine bilayers to phospholipase A2." Henshaw JB, Olsen CA, Farnbach AR, Nielson KH, Bell JD. *Biochemistry* 37, 10709-10721 (1998) PN31175.

"Zero-order interfacial enzymatic degradation of phospholipid tubules." Carlson PA, Gelb MH, Yager P. *Biophys J* 73, 230-238 (1997) PN27916.

"Quantification of the interactions among fatty acid, lysophosphatidylcholine, calcium, dimyristoylphosphatidylcholine vesicles, and phospholipase A₂." Bent ED and Bell JD. *Biochimica et Biophysica Acta* 1995: 349-360, 1995.

"Relationship between erythrocyte membrane phase properties and susceptibility to secretory phospholipase A2." Best KB, Ohran AJ, Hawes AC, Hazlett TL, Gratton E, Judd AM and Bell JD. *Biochemistry* 41: 13982-13988, 2002.

"Exploration of two fluorescence methods for measurement of PLA2 activity on liposomes and lipoproteins." Hedjarn M, Camejo G and Hurt-Camejo E. *GGBS 8th Minisymposium*, June 16, 1999 in Goteborg. 1999.

"Definition of the specific roles of Lysolecithin and Palmitic Acid in altering the susceptibility of dipalmitoylphosphatidylcholine bilayers to phospholipase A2." Henshaw JB, Olsen CA, Farnbach AR, Nielson KH and Bell JD. *Biochemistry* 37: 10709-10721, 1998.

"Receptor-stimulated phospholipase A(2) liberates arachidonic acid and regulates neuronal excitability through protein kinase C." Muzzio IA, Gandhi CC, Manyam U, Pesnell A and Matzel LD. *Journal of Neurophysiology* 85: 1639-1647, 2001.