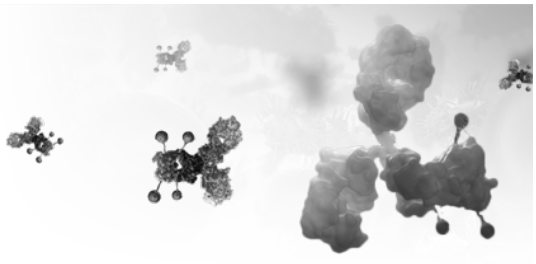

Native Lysophospholipase (DAG-WT1299)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	One unit is defined as the amount of enzyme which hydrolyzes 1 μmole of lysolecithin per minute at 37°C under the conditions specified in the assay procedure
Conjugate	N/A
Applications	Enzymatic determination
Format	Lyophilized
Size	1 KU
Buffer	Enzyme dilution buffer
Storage	Store at -20°C

BACKGROUND

Introduction	Lysophospholipase belongs to the family of hydrolases, specifically those acting on carboxylic ester bonds. This family consists of lysophospholipase / phospholipase B (EC 3.1.1.5) and cytosolic phospholipase A2 which also has a C2 domain InterPro: IPR000008. Phospholipase B enzymes catalyse the release of fatty acids from lysophospholipids and are capable in vitro of hydrolyzing all phospholipids extractable from yeast cells. Cytosolic phospholipase A2 associates with natural membranes in response to physiological increases in Ca2+ and selectively hydrolyses arachidonyl phospholipids, the aligned region corresponds the carboxy-terminal Ca2+-independent catalytic domain of the protein as discussed in.
Keywords	Lysophospholipase; EC3.1.1.5; LPA

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221