



Native Phospholipase D [PLD II] (DAG-WT1310)

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 μ mole of phosphatidylcholine to phosphatidic acid and choline per minute at 37°C under the conditions specified in the assay procedure
Conjugate	N/A
Applications	Enzymatic determination
Molecular Weight	58 kDa
Format	Lyophilized
Size	1 KU
Buffer	Enzyme dilution buffer
Storage	Store at -20°C

BACKGROUND

Introduction	A phospholipase is an enzyme that hydrolyzes phospholipids[1] into fatty acids and other lipophilic substances. Acids trigger the release of bound calcium from cellular stores and the consequent increase in free cytosolic Ca ²⁺ , an essential step in calcium signaling to regulate intracellular processes. There are four major classes, termed A, B, C, and D.
Keywords	Phospholipase; PLD