



Native Phospholipase C (DAG-WT1308)

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

PRODUCT INFORMATION

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| Product Overview | One unit is defined as the amount of enzyme which liberates 1 μ mole of phosphoryl choline per minute at 37°C under the conditions specified in the assay procedure. |
| Conjugate | N/A |
| Applications | Enzymatic determination |
| Molecular Weight | 20 kDa |
| Format | Lyophilized |
| Size | 1 KU |
| Buffer | Enzyme dilution buffer |
| Storage | Store at -20°C |

BACKGROUND

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| 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; PLC |