

Phospholipase D (PLD) Assay Kit | PLD assay kit

Phospholipase D (PLD) Activity Colorimetric Assay Kit

CATALOG #
AAA179704

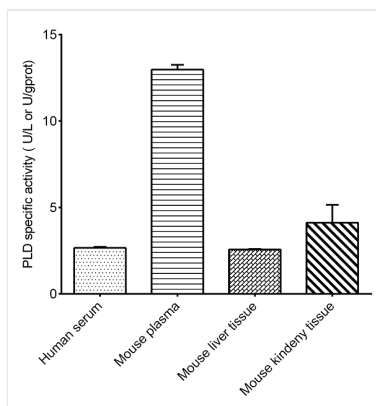
PRODUCT SYNONYMS

Phospholipase D (PLD); Phospholipase D (PLD) Activity Colorimetric Assay Kit; PLD assay kit

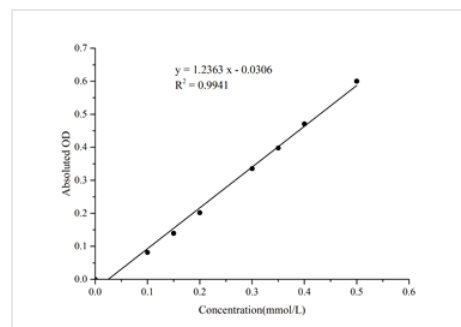
PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Enzyme activity
Samples	Serum, Plasma, Animal and plant tissue
Detection Range	0.68-16.73U/L
Sensitivity	0.68U/L
Precision	Intra-assay CV: 1.7-2.8% Inter-assay CV: 1.8-9.5%
Detection Instrument	Microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for PLD assay kit

Phospholipase D (PLD) exists widely in natural plants and animals, and PLD plays a key role in phospholipase metabolism. PLD hydrolyzes phosphodiester bonds of glycerol phospholipids to produce phosphatidyl acid and nitrogenous base. Abnormal PLD activity and expression are associated with Alzheimer's disease, stroke, cancer, and other brain diseases.

The detection principle of this kit is that PLD catalyze the substrate and the chromogenic agent to product colored substance, which has the maximum absorption at the wavelength of 550nm. By measuring the OD value at 550nm, PLD activity in the sample is calculated according to the standard curve.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/assay-kits/phospholipase-d-pld/179704>