

Sheep Phospholipase D1, PLD ELISA Kit | PLD elisa kit

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CATALOG #
AAA123750

REACTIVITY
Sheep

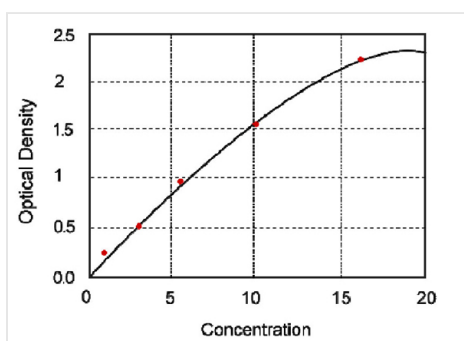
PRODUCT SYNONYMS

Phospholipase D1; PLD; Sheep Phospholipase D1; PLD ELISA Kit; PLD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	1036
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.2-60ng/ml
Sensitivity	0.092ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLD elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Sheep PLD antibody. PLD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Sheep PLD Antibody is added and binds to PLD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PLD antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Sheep PLD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Sheep Phospholipase D1 (also known as PLD) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25742819
NCBI GeneID	25096
NCBI GenBank Nucleotide #	NP_112254.1
UniProt Accession #	P70496
NCBI Official Full Name	phospholipase D1
NCBI Official Synonym Full Names	phospholipase D1
NCBI Official Symbol	Pld1
NCBI Official Synonym Symbols	Plda; Pldb; Pld1a; Pld1b
NCBI Protein Information	phospholipase D1
UniProt Protein Name	Phospholipase D1
UniProt Gene Name	Pld1
UniProt Entry Name	PLD1_RAT

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.

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Online datasheet: <https://stage.aaabiotech.com/sheep-elisa-kits/phospholipase-d1-pld/123750>