

Human Phospholipase D1 (PLD1) ELISA Kit | PLD1 elisa kit

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CATALOG #
AAA41849

REACTIVITY
Human

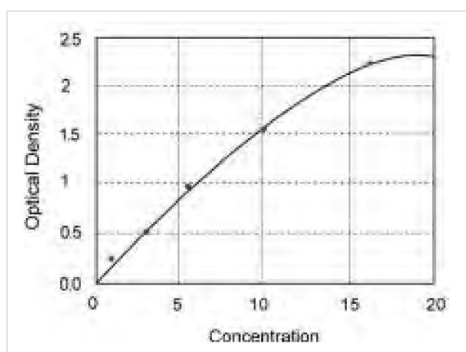
PRODUCT SYNONYMS

Phospholipase D1 (PLD1); Human Phospholipase D1 (PLD1) ELISA Kit; PLD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1036
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.96ng/L
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 PLD1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PLD1 antibody. PLD1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PLD1 Antibody is added and binds to PLD1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PLD1 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 Human PLD1. 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 Human Phospholipase D1 (also known as PLD1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	255708458
NCBI GeneID	18805
NCBI Accession #	NP_001157528.1
NCBI GenBank Nucleotide #	NM_001164056.1
UniProt Accession #	Q9Z280; O35911
Molecular Weight	119,588 Da
NCBI Official Full Name	phospholipase D1
NCBI Official Synonym Full Names	phospholipase D1
NCBI Official Symbol	Pld1
NCBI Official Synonym Symbols	Pld1a; Pld1b; mPLD1; C85393; AA536939
NCBI Protein Information	phospholipase D1
UniProt Protein Name	Phospholipase D1
UniProt Gene Name	Pld1
UniProt Synonym Gene Names	PLD 1; mPLD1

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/human-elisa-kits/phospholipase-d1-pld1/41849>