

Human Phospholipase D1 ELISA Kit | PLD1 elisa kit

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CATALOG #
AAA190877

REACTIVITY
Human

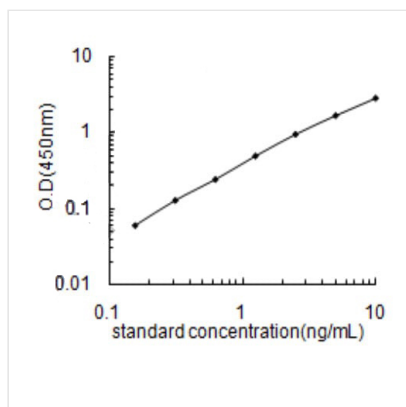
PRODUCT SYNONYMS

Phospholipase D1; Human Phospholipase D1 ELISA Kit; PLD 1; hPLD1; Choline phosphatase 1; Phosphatidylcholine-hydrolyzing phospholipase D1; PLD1; 3.1.4.4; PLD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Phospholipase D1, Hpld1
Sequence Length	1074
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.1 ng/mL
Intra-assay Precision	<=5.4%
Inter-assay Precision	<=9.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLD1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505873
NCBI GeneID	5337
NCBI Accession #	NP_002653.1
NCBI GenBank Nucleotide #	NM_002662.4
UniProt Accession #	Q13393
Molecular Weight	112,184 Da
NCBI Official Full Name	phospholipase D1 isoform a
NCBI Official Synonym Full Names	phospholipase D1
NCBI Official Symbol	PLD1
NCBI Protein Information	phospholipase D1
UniProt Protein Name	Phospholipase D1
UniProt Gene Name	PLD1
UniProt Synonym Gene Names	PLD 1; hPLD1
UniProt Entry Name	PLD1_HUMAN

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/pld1-human-elisa-kits/phospholipase-d1/190877>