

Human Phospholipase D1 ELISA Kit | PLD1 elisa kit

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CATALOG #
AAA101721

REACTIVITY
Human

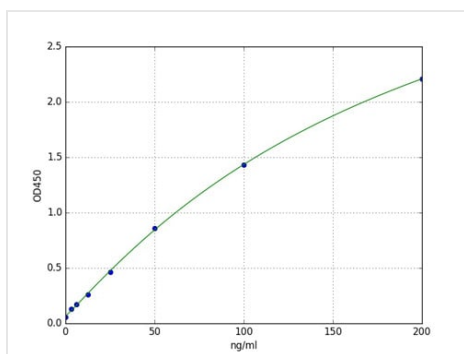
PRODUCT SYNONYMS

Phospholipase D1; Human Phospholipase D1 ELISA Kit; PLD1/Phospholipase D1/Choline phosphatase 1/hPLD1/Phosphatidylcholine-hydrolyzing phospholipase D1/phospholipase D1; phosphatidylcholine-specific; PLD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1036
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PLD1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	3.125	6.25	12.5	25	50	100	200
Y	OD450	0.120	0.199	0.229	0.320	0.532	0.954	1.474	2.130

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLD1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PLD1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PLD1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PLD1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PLD1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25742819
NCBI GeneID	25096
NCBI Accession #	NP_112254.1
NCBI GenBank Nucleotide #	NM_030992.1
Molecular Weight	68,318 Da
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 Synonym Gene Names	PLD 1; rPLD1
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/pld1-human-elisa-kits/phospholipase-d1/101721>