

Human Phospholipase D2 (PLD2) ELISA Kit | PLD2 elisa kit

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CATALOG #
AAA41490

REACTIVITY
Human

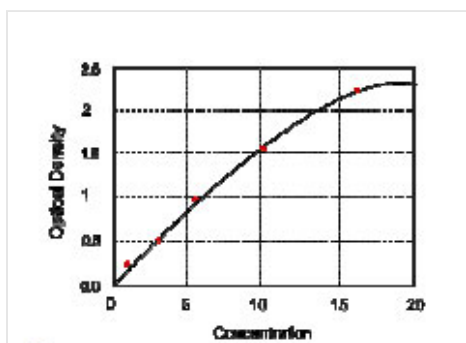
PRODUCT SYNONYMS

Phospholipase D2 (PLD2); Human Phospholipase D2 (PLD2) ELISA Kit; PLD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	922
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.29ng/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 PLD2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Phospholipase D2 (also known as PLD2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human PLD2 antibody. PLD2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human PLD2 Antibody is added and binds to PLD2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PLD2antibody. 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 PLD2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2773044
NCBI GeneID	5338
UniProt Accession #	O14939; O43540; O43579; O43580; Q6PGR0; Q96BY3; I3L2C9
Molecular Weight	38,252 Da
NCBI Official Full Name	phospholipase D2
NCBI Official Synonym Full Names	phospholipase D2
NCBI Official Symbol	PLD2
NCBI Official Synonym Symbols	PLD1C
NCBI Protein Information	phospholipase D2
UniProt Protein Name	Phospholipase D2
UniProt Gene Name	PLD2
UniProt Synonym Gene Names	PLD 2; hPLD2

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.