

Human Phospholipase D3 ELISA Kit | PLD3 elisa kit

Human Phospholipase D3 (PLD3) ELISA Kit

CATALOG # AAA55543	REACTIVITY Human
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PRODUCT SYNONYMS

Phospholipase D3; Human Phospholipase D3 (PLD3) ELISA Kit; PLD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PLD3. No significant cross-reactivity or interference between Human PLD3 and analogues was observed.
Sequence Length	490
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1 pg/mL - 5000 pg/mL
Sensitivity	39 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PLD3 elisa kit	Intended Uses: For the quantitative detection of Human Phospholipase D3 (PLD3) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PLD3 in Human serum, plasma. An antibody specific for PLD3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLD3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLD3 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PLD3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	72534684
NCBI GeneID	23646
NCBI Accession #	NP_001026866.1
NCBI GenBank Nucleotide #	NM_001031696.3
UniProt Accession #	Q8IV08 ; Q92853 ; Q9BW87

Molecular Weight	54,705 Da
NCBI Official Full Name	phospholipase D3
NCBI Official Synonym Full Names	phospholipase D family member 3
NCBI Official Symbol	PLD3
NCBI Official Synonym Symbols	AD19; HUK4; HU-K4; SCA46
NCBI Protein Information	phospholipase D3
UniProt Protein Name	Phospholipase D3
UniProt Gene Name	PLD3
UniProt Synonym Gene Names	PLD 3

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://www.aaabiotech.com/pld3-human-elisa-kits/phospholipase-d3/55543>