

Human phospholipase A1 member A ELISA Kit | PLA1A elisa kit

Human Phospholipase A1 member A, PLA1A ELISA Kit

CATALOG #
AAA112311

REACTIVITY
Human

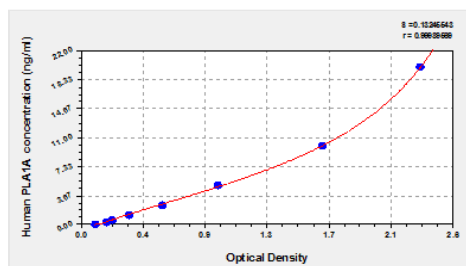
PRODUCT SYNONYMS

phospholipase A1 member A; Human Phospholipase A1 member A; PLA1A ELISA Kit; Human Phospholipase A1 member A (PLA1A) ELISA kit; PS-PLA1; PSPLA1; phosphatidylserine-specific phospholipase A1alpha; PLA1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PLA1A. No significant cross-reactivity or interference between human PLA1A and analogues was observed.
Sequence Length	440
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20ng/ml.
Sensitivity	The minimum detectable dose of human PLA1A is typically less than 0.078 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLA1A elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PLA1A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLA1A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLA1A is added to the wells. After washing, avidin 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 PLA1A 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 #	332688256
NCBI GeneID	51365
NCBI Accession #	NP_001193889.1
NCBI GenBank Nucleotide #	NM_001206960.1
UniProt Accession #	Q53H76; O95991; Q86WX6; Q9UPD2; B2R8V2; B4DXA2
Molecular Weight	49,715 Da
NCBI Official Full Name	phospholipase A1 member A isoform 2
NCBI Official Synonym Full Names	phospholipase A1 member A
NCBI Official Symbol	PLA1A
NCBI Official Synonym Symbols	PSPLA1; PS-PLA1
NCBI Protein Information	phospholipase A1 member A; phosphatidylserine-specific phospholipase A1alpha
UniProt Protein Name	Phospholipase A1 member A
UniProt Gene Name	PLA1A
UniProt Synonym Gene Names	NMD; PSPLA1; PS-PLA1
UniProt Entry Name	PLA1A_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://www.aaabiotech.com/pla1a-human-elisa-kits/phospholipase-a1-member-a/112311>