

Human Phospholipase A2 Activating Protein (PLAA) ELISA Kit | PLAA elisa kit

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CATALOG #
AAA67961

REACTIVITY
Human

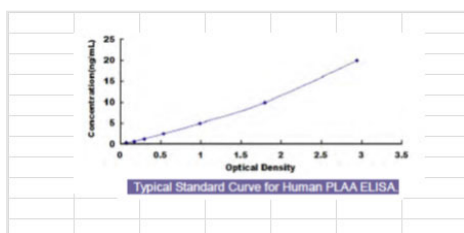
PRODUCT SYNONYMS

Phospholipase A2 Activating Protein (PLAA); Human Phospholipase A2 Activating Protein (PLAA) ELISA Kit; PLAA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PLAA. No significant cross-reactivity or interference between PLAA and analogues was observed.
Sequence Length	795
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PLAA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PLAA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLAA elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PLAA in Human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PLAA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PLAA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PLAA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PLAA in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	72534670
NCBI GeneID	9373
NCBI Accession #	NP_001026859.1
NCBI GenBank Nucleotide #	NM_001031689.2
UniProt Accession #	Q9Y263; Q53EU5; Q5VY33; Q9NUL8; Q9NVE9; Q9UF53; Q9Y5L1
Molecular Weight	87,157 Da
NCBI Official Full Name	phospholipase A-2-activating protein isoform 1
NCBI Official Synonym Full Names	phospholipase A2 activating protein
NCBI Official Symbol	PLAA
NCBI Official Synonym Symbols	DOA1; PLAP; PLA2P
NCBI Protein Information	phospholipase A-2-activating protein
UniProt Protein Name	Phospholipase A-2-activating protein
UniProt Gene Name	PLAA
UniProt Synonym Gene Names	PLAP; PLA2P; PLAP

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/human-elisa-kits/phospholipase-a2-activating-protein-plaa/67961>