

Human Phospholipase A2 ELISA Kit | PLA2G1B elisa kit

Human Phospholipase A2 ELISA Kit

CATALOG #
AAA99328

REACTIVITY
Human

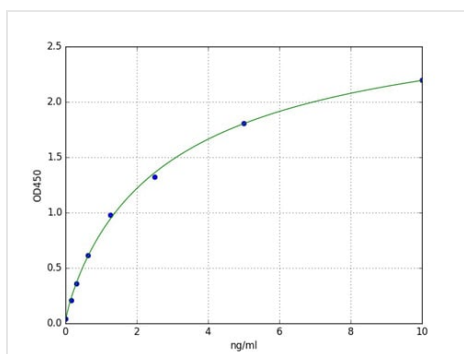
PRODUCT SYNONYMS

Phospholipase A2; Human Phospholipase A2 ELISA Kit; PLA2G1B/pPLA2 (Phospholipase A2; Pancreas)/PLA2/PLA2A/Group IB phospholipase A2/Phosphatidylcholine 2-acylhydrolase 1B/phospholipase A2/phospholipase A2; group IB (pancreas)/Phospholipase A2 Group IB; PLA2G1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	145
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 PLA2G1B 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.043	0.131	0.250	0.366	0.768	1.225	1.915	2.383

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLA2G1B elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human PLA2G1B antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human PLA2G1B 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 PLA2G1B amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human PLA2G1B can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291575120
NCBI GeneID	282457
NCBI Accession #	NP_777071.2
NCBI GenBank Nucleotide #	NM_174646.3
Molecular Weight	16,002 Da
NCBI Official Full Name	phospholipase A2 preproprotein
NCBI Official Symbol	PLA2G1B
NCBI Protein Information	phospholipase A2
UniProt Protein Name	Phospholipase A2
UniProt Gene Name	PLA2G1B
UniProt Entry Name	PA21B_BOVIN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/pla2g1b-human-elisa-kits/phospholipase-a2/99328>