

Rat Phospholipase A2 ELISA Kit | Pla2g1b elisa kit

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CATALOG #
AAA192249

REACTIVITY
Rat

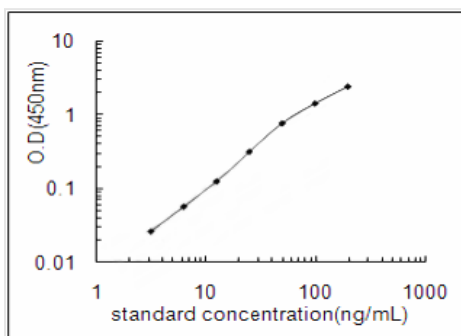
PRODUCT SYNONYMS

Phospholipase A2; Rat Phospholipase A2 ELISA Kit; Group IB phospholipase A2; Phosphatidylcholine 2-acylhydrolase 1B; Pla2g1b; 3.1.1.4; Pla2g1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Phospholipase A2. No significant cross-reactivity or interference was observed.
Sequence Length	146
Assay Type	Sandwich
Detection Range	3.12-200 ng/mL
Sensitivity	1.61 ng/mL
Intra-Assay CV	<=5.2%
Inter-Assay CV	<=8.1%
Recovery	102%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pla2g1b elisa kit	Intended Uses: This is immunoassay kit allows for the in vitro quantitative determination of ratPhospholipase A2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Phospholipase A2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Phospholipase A2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Phospholipase A2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Phospholipase A2 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 #	13928792
NCBI GeneID	29526
NCBI Accession #	NP_113773.1
NCBI GenBank Nucleotide #	NM_031585.1
UniProt Accession #	P04055
Molecular Weight	16,424 Da
NCBI Official Full Name	phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2 group IB
NCBI Official Symbol	Pla2g1b
NCBI Protein Information	phospholipase A2
UniProt Protein Name	Phospholipase A2
UniProt Gene Name	Pla2g1b
UniProt Entry Name	PA21B_RAT

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/pla2g1b-rat-elisa-kits/phospholipase-a2/192249>