

Mouse Anti-Phospholipase A2 Antibody ELISA Kit | PLA2 elisa kit

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CATALOG #
AAA96820

REACTIVITY
Mouse

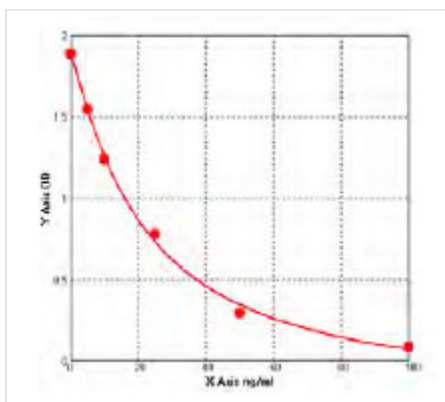
PRODUCT SYNONYMS

Anti-Phospholipase A2 Antibody; Mouse Anti-Phospholipase A2 Antibody ELISA Kit; PLA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLA2 elisa kit

Intended Uses: This PL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PL. This ELISA kit for research use only!

Principle of the Assay: PL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PL antibody and an PL-HRP conjugate. The assay sample and buffer are incubated together with PL-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PL concentration since PL from samples and PL-HRP conjugate compete for the anti-PL antibody binding site. Since the number of sites is limited, as more sites are occupied by PL from the sample, fewer sites are left to bind PL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PL concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	436253
Molecular Weight	15,708 Da
NCBI Official Full Name	phospholipase A2
UniProt Protein Name	Acidic phospholipase A2 pgPLA 1b/pgPLA 2b
UniProt Gene Name	svPLA2
UniProt Synonym Gene Names	svPLA2
UniProt Entry Name	PA2AP_PROFL

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/pla2-mouse-elisa-kits/anti-phospholipase-a2-antibody/96820>