

Human Phospholipase B ELISA Kit | PLB elisa kit

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CATALOG #
AAA96072

REACTIVITY
Human

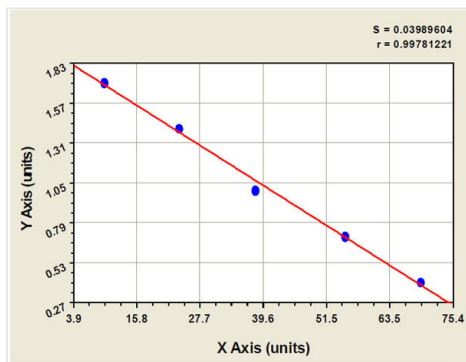
PRODUCT SYNONYMS

Phospholipase B; Human Phospholipase B ELISA Kit; PLB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLB elisa kit

Principle of the assay: PLB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PLB antibody and an PLB-HRP conjugate. The assay sample and buffer are incubated together with PLB-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 PLB concentration since PLB from samples and PLB-HRP conjugate compete for the anti-PLB antibody binding site. Since the number of sites is limited, as more sites are occupied by PLB from the sample, fewer sites are left to bind PLB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PLB concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PLB elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	3172337
Molecular Weight	162,176 Da
NCBI Official Full Name	phospholipase B
UniProt Protein Name	Phospholipase B1, membrane-associated
UniProt Gene Name	PLB1
UniProt Synonym Gene Names	PLB; Phospholipase B; PLB/LIP
UniProt Entry Name	PLB1_CAVPO

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/plb-human-elisa-kits/phospholipase-b/96072>