

Porcine Phospholipase C ELISA Kit | PLC elisa kit

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CATALOG #
AAA94211

REACTIVITY
Porcine

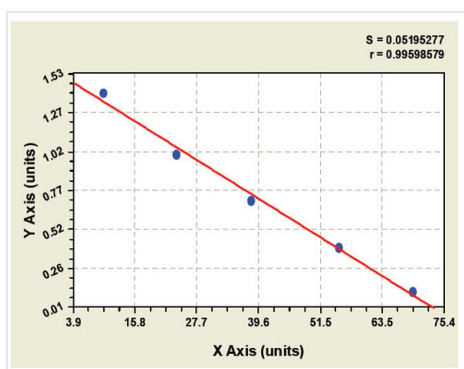
PRODUCT SYNONYMS

Phospholipase C; Porcine Phospholipase C ELISA Kit; PLC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 U/ml.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLC elisa kit

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

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

Product Categories/Family for PLC elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	497234721
NCBI Accession #	WP_009548983.1
NCBI GenBank Nucleotide #	WP_009548983.1
Molecular Weight	85,639 Da
NCBI Official Full Name	phospholipase C
UniProt Protein Name	Phospholipase C, phosphocholine-specific
UniProt Entry Name	H5WVY2_9BURK

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/plc-porcine-elisa-kits/phospholipase-c/94211>