

Porcine 1-phosphatidylinositol-4, 5-bisphosphate phosphodiesterase delta-4 ELISA Kit | PLCD4 elisa kit

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CATALOG #

AAA95147

REACTIVITY

Porcine

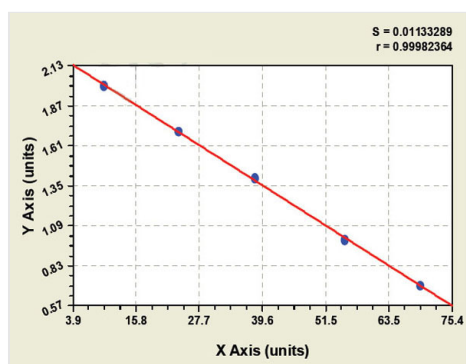
PRODUCT SYNONYMS

1-phosphatidylinositol-4; 5-bisphosphate phosphodiesterase delta-4; Porcine 1-phosphatidylinositol-4; 5-bisphosphate phosphodiesterase delta-4 ELISA Kit; PLCD4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	5.0-100ng/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 PLCD4 elisa kit	Intended Uses: This PI AB -IGG/IGM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine PI AB -IGG/IGM. This ELISA kit for research use only! Principle of the Assay: PI AB -IGG/IGM ELISA kit applies the competitive enzyme immunoassay technique utilizing Phosphatidylinositol antigen IgG/IgM (PI AB -IGG/IGM) and an PI AB -IGG/IGM-HRP conjugate. The assay sample and buffer are incubated together with PI AB -IGG/IGM-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 PI AB -IGG/IGM concentration since PI AB -IGG/IGM from samples and PI AB -IGG/IGM-HRP conjugate compete for the Phosphatidylinositol antigen IgG/IgM (PI AB -IGG/IGM) binding site. Since the number of sites is limited, as more sites are occupied by PI AB -IGG/IGM from the sample, fewer sites are left to bind PI AB -IGG/IGM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PI AB -IGG/IGM concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PLCD4 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	685948242
NCBI GeneID	20373446
NCBI Accession #	XP_009268397.1
NCBI GenBank Nucleotide #	XM_009270122.1
NCBI Official Full Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4
NCBI Official Symbol	J056_000494
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-4

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/plcd4-porcine-elisa-kits/1-phosphatidylinositol-4-5-bisphosphate-phosphodiesterase-delta-4/95147>