

Rat Phospholipase C gamma1 ELISA Kit | PLCgamma1 elisa kit

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CATALOG #
AAA84894

REACTIVITY
Rat

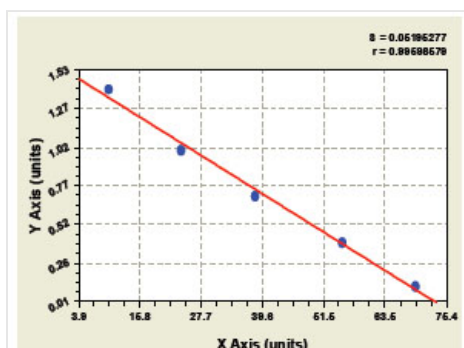
PRODUCT SYNONYMS

Phospholipase C gamma1; Rat Phospholipase C gamma1 ELISA Kit; Phospholipase C y1; Phospholipase C gamma1 (Rat); PLCgamma1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This PLCG1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PLCG1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLCgamma1 elisa kit

Principle of the assay: PLCG1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PLCG1 antibody and an PLCG1-HRP conjugate. The assay sample and buffer are incubated together with PLCG1-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 PLCG1 concentration since PLCG1 from samples and PLCG1-HRP conjugate compete for the anti-PLCG1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PLCG1 from the sample, fewer sites are left to bind PLCG1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PLCG1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PLCgamma1 elisa kit

Rat ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	117616626
NCBI Official Full Name	phospholipase C-gamma1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/plcgamma1-rat-elisa-kits/phospholipase-c-gamma1/84894>