

Bovine Protein kinase C gamma type ELISA Kit | PRKCG elisa kit

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CATALOG #
AAA56468

REACTIVITY
Bovine

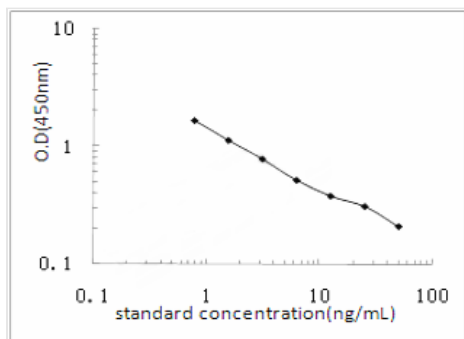
PRODUCT SYNONYMS

Protein kinase C gamma type; Bovine Protein kinase C gamma type ELISA Kit; PRKCG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural Bovine PKC-gamma. No significant cross-reactivity or interference was observed.
Sequence Length	697
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	0.78-50.0 ng/ml.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRKCG elisa kit

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to PKC-gamma. During the reaction, PKC-gamma in the sample or standard competes with a fixed amount of biotin-labeled PKC-gamma for sites on a pre-coated Monoclonal antibody specific to PKC-gamma. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of PKC-gamma in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	262073038
NCBI GeneID	282002
NCBI Accession #	NP_001159974.1
NCBI GenBank Nucleotide #	NM_001166502.2
UniProt Accession #	P05128
Molecular Weight	77,156 Da
NCBI Official Full Name	protein kinase C gamma type
NCBI Official Symbol	PRKCG
NCBI Protein Information	protein kinase C gamma type
UniProt Protein Name	Protein kinase C gamma type
UniProt Gene Name	PRKCG
UniProt Synonym Gene Names	PKC-gamma
UniProt Entry Name	KPCG_BOVIN

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/prkcg-bovine-ovine-elisa-kits/protein-kinase-c-gamma-type/56468>