

Sheep Protein Kinase C Gamma ELISA Kit | PKCg elisa kit

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CATALOG #
AAA94042

REACTIVITY
Sheep

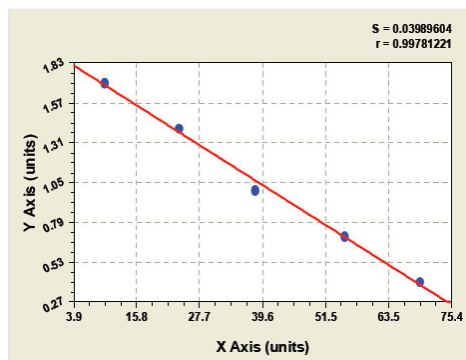
PRODUCT SYNONYMS

Protein Kinase C Gamma; Sheep Protein Kinase C Gamma ELISA Kit; PKCg elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKCg elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	13161278
NCBI GeneID	5582
Molecular Weight	78,448 Da
NCBI Official Full Name	protein kinase C gamma
NCBI Official Synonym Full Names	protein kinase C, gamma
NCBI Official Symbol	PRKCG
NCBI Official Synonym Symbols	PKCC; PKCG; SCA14; PKC-gamma
NCBI Protein Information	protein kinase C gamma type
UniProt Protein Name	Protein kinase C gamma type
UniProt Gene Name	PRKCG
UniProt Synonym Gene Names	PKCG; PKC-gamma
UniProt Entry Name	KPCG_HUMAN

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/pkcg-sheep-elisa-kits/protein-kinase-c-gamma/94042>