

Sheep Protein Kinase C Beta 1 ELISA Kit | PKCb1 elisa kit

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CATALOG #
AAA89365

REACTIVITY
Sheep

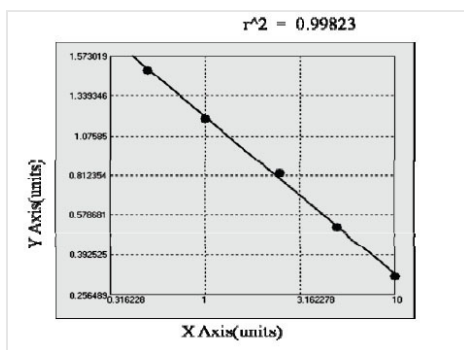
PRODUCT SYNONYMS

Protein Kinase C Beta 1; Sheep Protein Kinase C Beta 1 ELISA Kit; PKCb1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This PKCb1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep PKCb1. 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 PKCb1 elisa kit

Principle of the assay: PKCb1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PKCb1 antibody and an PKCb1-HRP conjugate. The assay sample and buffer are incubated together with PKCb1-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 PKCb1 concentration since PKCb1 from samples and PKCb1-HRP conjugate compete for the anti-PKCb1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PKCb1 from the sample, fewer sites are left to bind PKCb1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PKCb1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PKCb1 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	44969860
NCBI GeneID	416567
Molecular Weight	33,955 Da
NCBI Official Full Name	protein kinase C beta 1, partial
NCBI Official Synonym Full Names	protein kinase C, beta
NCBI Official Symbol	PRKCB
NCBI Official Synonym Symbols	PRKCB1
NCBI Protein Information	protein kinase C beta type; protein kinase C, beta; protein kinase C beta 1; protein kinase C, beta 1
UniProt Protein Name	Protein kinase C beta 1
UniProt Entry Name	Q6EE28_CHICK

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/pkcb1-sheep-elisa-kits/protein-kinase-c-beta-1/89365>