

Sheep Protein Kinase C Delta ELISA Kit | PKCd elisa kit

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CATALOG #
AAA95355

REACTIVITY
Sheep

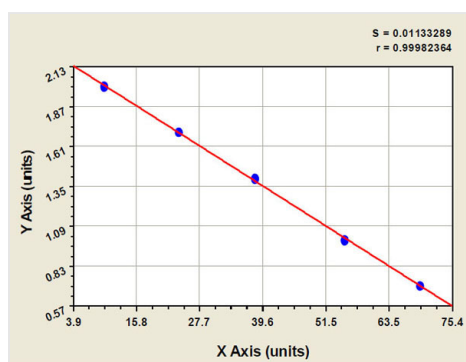
PRODUCT SYNONYMS

Protein Kinase C Delta; Sheep Protein Kinase C Delta ELISA Kit; PKCd elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This PKCD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep PKCD. 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 PKCd elisa kit

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

Product Categories/Family for PKCd elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	509050
NCBI GeneID	5580
UniProt Accession #	Q05655; Q15144; Q86XJ6; B0KZ81; B2R834
Molecular Weight	80,953 Da
NCBI Official Full Name	protein kinase C delta, partial
NCBI Official Synonym Full Names	protein kinase C, delta
NCBI Official Symbol	PRKCD
NCBI Official Synonym Symbols	MAY1; PKCD; CVID9; nPKC-delta
NCBI Protein Information	protein kinase C delta type; protein kinase C delta VIII; tyrosine-protein kinase PRKCD
UniProt Protein Name	Protein kinase C delta type
UniProt Gene Name	PRKCD
UniProt Synonym Gene Names	SDK1
UniProt Entry Name	KPCD_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/pkcd-sheep-elisa-kits/protein-kinase-c-delta/95355>