

Sheep Activated protein C ELISA Kit | APC elisa kit

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CATALOG #
AAA90798

REACTIVITY
Sheep

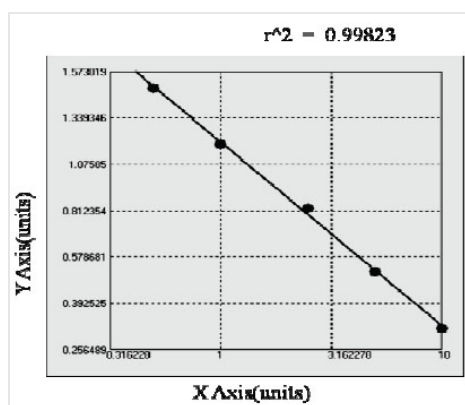
PRODUCT SYNONYMS

Activated protein C; Sheep Activated protein C ELISA Kit; APC 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 APC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep APC. 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 APC elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	53759122
NCBI GeneID	324
NCBI Accession #	NP_000029.2
NCBI GenBank Nucleotide #	NM_000038.5
Molecular Weight	300,439 Da
NCBI Official Full Name	adenomatous polyposis coli protein isoform b
NCBI Official Synonym Full Names	adenomatous polyposis coli
NCBI Official Symbol	APC
NCBI Official Synonym Symbols	GS; DP2; DP3; BTPS2; DP2.5; PPP1R46
NCBI Protein Information	adenomatous polyposis coli protein; deleted in polyposis 2.5; adenomatosis polyposis coli tumor suppressor; protein phosphatase 1, regulatory subunit 46
UniProt Protein Name	Adenomatous polyposis coli protein
UniProt Gene Name	APC
UniProt Synonym Gene Names	DP2.5; Protein APC
UniProt Entry Name	APC_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.