

Sheep Cholecystokinin ELISA Kit | CCK elisa kit

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CATALOG #
AAA89369

REACTIVITY
Sheep

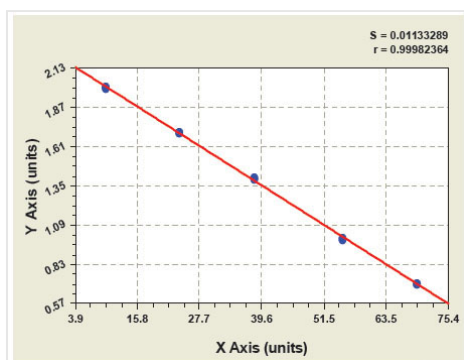
PRODUCT SYNONYMS

Cholecystokinin; Sheep Cholecystokinin ELISA Kit; CCK 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 CCK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep CCK. 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 CCK elisa kit

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

Product Categories/Family for CCK elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	179996
NCBI GeneID	885
Molecular Weight	12,669 Da
NCBI Official Full Name	cholecystokinin
NCBI Official Synonym Full Names	cholecystokinin
NCBI Official Symbol	CCK
NCBI Protein Information	cholecystokinin; prepro-cholecystokinin; cholecystokinin triacontatriapeptide
UniProt Protein Name	Cholecystokinin
UniProt Gene Name	CCK
UniProt Synonym Gene Names	CCK; CCK58; CCK39; CCK33; CCK25; CCK18; CCK12; CCK8; CCK7; CCK5
UniProt Entry Name	CCKN_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/cck-sheep-elisa-kits/cholecystokinin/89369>