

Bovine Cholecystokinin ELISA Kit | CCK elisa kit

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CATALOG #
AAA191269

REACTIVITY
Bovine

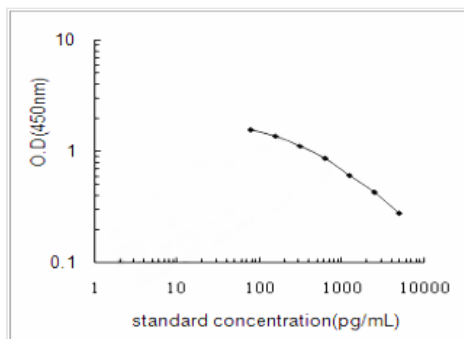
PRODUCT SYNONYMS

Cholecystokinin; Bovine Cholecystokinin ELISA Kit; CCK; CCK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural Bovine CCK. No significant cross-reactivity or interference was observed.
Sequence Length	115
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	78.0-5000 pg/mL
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCK elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine CCK concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to CCK. During the reaction, CCK in the sample or standard competes with a fixed amount of biotin-labeled CCK for sites on a pre-coated Monoclonal antibody specific to CCK. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of CCK in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114053299
NCBI GeneID	617510
NCBI Accession #	NP_001040068.1
NCBI GenBank Nucleotide #	NM_001046603.2
UniProt Accession #	P41520; Q29RG8
Molecular Weight	12,835 Da
NCBI Official Full Name	cholecystokinin
NCBI Official Symbol	CCK
NCBI Protein Information	cholecystokinin
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_BOVIN

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-bovine-ovine-elisa-kits/cholecystokinin/191269>