

Rat Cholecystokinin (CCK) ELISA Kit | CCK elisa kit

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CATALOG #
AAA138449

REACTIVITY
Rat

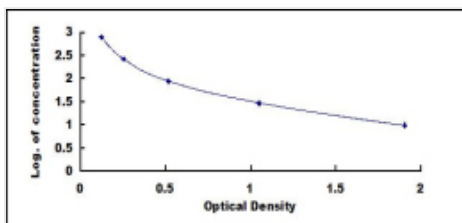
PRODUCT SYNONYMS

Cholecystokinin (CCK); Rat Cholecystokinin (CCK) ELISA Kit; CCK-PZ; Cholecystokinin-58 desnonopeptide; CCK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Cholecystokinin (CCK). No significant cross-reactivity or interference between Cholecystokinin (CCK) and analogues was observed.
Sequence Length	115
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and other biological fluids
Detection Range	9.88-800pg/mL
Sensitivity	4.22pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Cholecystokinin (CCK) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Cholecystokinin (CCK) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCK elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Cholecystokinin (CCK) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Cholecystokinin (CCK) and unlabeled Cholecystokinin (CCK) (Standards or samples) with the pre-coated antibody specific to Cholecystokinin (CCK). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Cholecystokinin (CCK) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Cholecystokinin (CCK) in the sample.
Product Categories/Family for CCK elisa kit	Tumor immunity; Endocrinology; Neuroscience; Hepatology; Hormone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	179996
NCBI GeneID	885
UniProt Accession #	P06307
Molecular Weight	12,669 Da
NCBI Official Full Name	cholecystokinin
NCBI Official Synonym Full Names	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_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://www.aaabiotech.com/rat-elisa-kits/cholecystokinin-cck/138449>