

Rat cholecystokinin ELISA Kit | CCK elisa kit

Rat Cholecystokinin, CCK ELISA Kit

CATALOG #
AAA15000

REACTIVITY
Rat

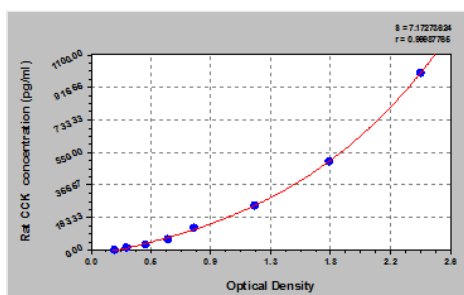
PRODUCT SYNONYMS

cholecystokinin; Rat Cholecystokinin; CCK ELISA Kit; MGC117187; OTTHUMP00000209369; CCK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat CCK. No significant cross-reactivity or interference between rat CCK and analogues was observed.
Sequence Length	115
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCK elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CCK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CCK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CCK is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CCK bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978613
NCBI GeneID	25298
NCBI Accession #	NP_036961.1
NCBI GenBank Nucleotide #	NM_012829.2
UniProt Accession #	P01355
Molecular Weight	12,841 Da
NCBI Official Full Name	cholecystokinin preproprotein
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; CCK39; CCK33; CCK22; CCK12; CCK8
UniProt Entry Name	CCKN_RAT

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-rat-elisa-kits/cholecystokinin/15000>