

Pig cholecystokinin ELISA Kit | CCK elisa kit

Pig cholecystokinin, CCK ELISA Kit

CATALOG #
AAA80525

REACTIVITY
Pig

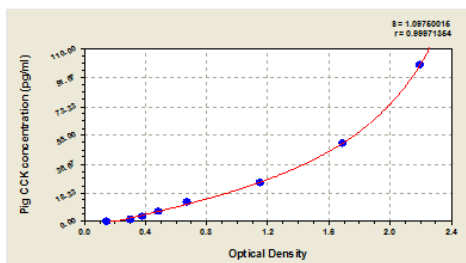
PRODUCT SYNONYMS

cholecystokinin; Pig cholecystokinin; CCK ELISA Kit; MGC117187; OTTHUMP00000209369; CCK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig CCK. No significant cross-reactivity or interference between pig CCK and analogues was observed.
Sequence Length	114
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	1.56 pg/ml -100 pg/ml.
Sensitivity	The minimum detectable dose of pig CCK is typically less than 0.39 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 #	47523556
NCBI GeneID	397468
NCBI Accession #	NP_999402.1
NCBI GenBank Nucleotide #	NM_214237.2
UniProt Accession #	P01356
Molecular Weight	12,526 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_PIG

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-pig-elisa-kits/cholecystokinin/80525>