

Chicken CCK (Cholecystokinin) ELISA Kit | CCK elisa kit

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CATALOG #
AAA277850

REACTIVITY
Chicken

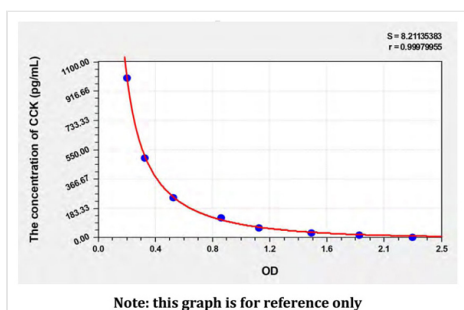
PRODUCT SYNONYMS

CCK (Cholecystokinin); Chicken CCK (Cholecystokinin) ELISA Kit; CCK-PZ; CCK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of Chicken CCK. No significant cross-reactivity or interference between Chicken CCK and analogues was observed.
Assay Type	Competitive
Detection Range	15.63-1000 pg/mL
Sensitivity	4.82 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCK elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Chicken CCK protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken CCK. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Chicken CCK in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

48976041

NCBI GeneID	414884
NCBI Accession #	NP_001001741.1
NCBI GenBank Nucleotide #	NM_001001741.1
UniProt Accession #	Q9PU41
Molecular Weight	14,091 Da
NCBI Official Full Name	cholecystokinin
NCBI Official Synonym Full Names	cholecystokinin
NCBI Official Symbol	CCK
NCBI Protein Information	cholecystokinin; preprocholecystokinin
UniProt Protein Name	Cholecystokinin
UniProt Gene Name	CCK
UniProt Synonym Gene Names	CCK; CCK70; CCK8; CCK7
UniProt Entry Name	CCKN_CHICK

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/chicken-elisa-kits/cck-cholecystokinin/277850>