

Human Cholecystokinin octapeptide ELISA Kit | CCK 8 elisa kit

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CATALOG #
AAA84489

REACTIVITY
Human

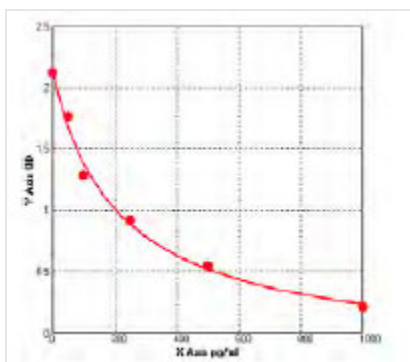
PRODUCT SYNONYMS

Cholecystokinin octapeptide; Human Cholecystokinin octapeptide ELISA Kit; CCK 8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCK8. No significant cross-reactivity or interference between CCK8 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCK8 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCK 8 elisa kit	Intended Uses: This CCK8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CCK8. This ELISA kit for research use only! Principle of the Assay: CCK8 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CCK8 antibody and an CCK8-HRP conjugate. The assay sample and buffer are incubated together with CCK8-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCK8 concentration since CCK8 from samples and CCK8-HRP conjugate compete for the anti-CCK8 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCK8 from the sample, fewer sites are left to bind CCK8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCK8 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCK 8 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502605
NCBI GeneID	885
NCBI Accession #	NP_000720.1
NCBI GenBank Nucleotide #	NM_000729.4
Molecular Weight	12,669 Da
NCBI Official Full Name	cholecystokinin preproprotein
NCBI Official Synonym Full Names	cholecystokinin
NCBI Official Symbol	CCK
NCBI Protein Information	cholecystokinin; prepro-cholecystokinin; cholecystokinin triacontatriapeptide
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.