

Mouse Cholecystokinin octapeptide ELISA Kit | CCK-8 elisa kit

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CATALOG #
AAA87495

REACTIVITY
Mouse

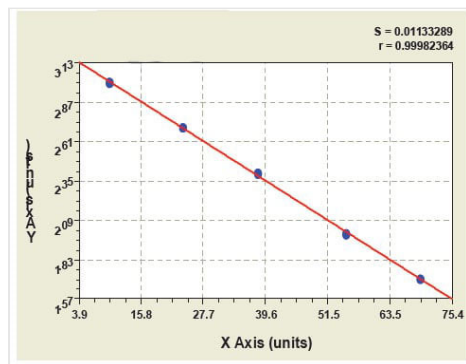
PRODUCT SYNONYMS

Cholecystokinin octapeptide; Mouse Cholecystokinin octapeptide ELISA Kit; CCK-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This CCK-8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CCK-8. This ELISA kit for research use only, not for therapeutic applications!
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

Principle of the Assay: CCK-8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCK-8 antibody and an CCK-8-HRP conjugate. The assay sample and buffer are incubated together with CCK-8-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 CCK-8 concentration since CCK-8 from samples and CCK-8-HRP conjugate compete for the anti-CCK-8 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCK-8 from the sample, fewer sites are left to bind CCK-8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCK-8 concentration in each sample is interpolated from this standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/cck-8-mouse-elisa-kits/cholecystokinin-octapeptide/87495>