

Canine Cholecystokinin ELISA Kit | CCK elisa kit

Canine Cholecystokinin ELISA Kit

CATALOG #
AAA91470

REACTIVITY
Canine

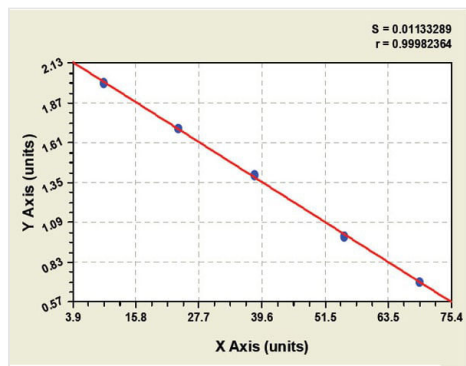
PRODUCT SYNONYMS

Cholecystokinin; Canine Cholecystokinin ELISA Kit; CCK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This CCK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CCK. 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 elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	179996
NCBI GeneID	885
Molecular Weight	12,669 Da
NCBI Official Full Name	cholecystokinin
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-canine-elisa-kits/cholecystokinin/91470>