

Human Cholecystokinin 18 (CCK18) ELISA Kit | CCK18 elisa kit

Human Cholecystokinin 18 (CCK18) Mini Samples ELISA Kit

CATALOG #
AAA147424

REACTIVITY
Human

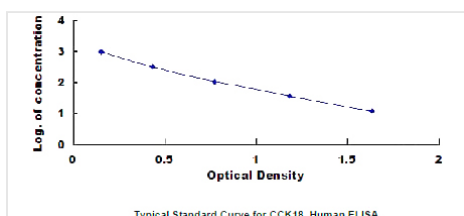
PRODUCT SYNONYMS

Cholecystokinin 18 (CCK18); Human Cholecystokinin 18 (CCK18) Mini Samples ELISA Kit; CCK18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCK. No significant cross-reactivity or interference between CCK and analogues was observed.
Samples	Human Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates Or Other Biological Fluids
Assay Type	Quantitative Competitive
Detection Range	15.6-1000pg/mL
Sensitivity	4.55pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCK were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CCK were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCK18 elisa kit

Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of CCK in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to CCK has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled CCK and unlabeled CCK (Standards or samples) with the pre-coated antibody specific to CCK. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of CCK in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of CCK in the sample.

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/human-elisa-kits/cholecystokinin-18-cck18/147424>