

Guinea Pig Cholecystokinin A Receptor (CCKAR) ELISA Kit | CCKAR elisa kit

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CATALOG #
AAA64709

REACTIVITY
Guinea Pig

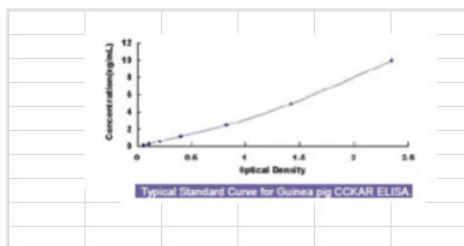
PRODUCT SYNONYMS

Cholecystokinin A Receptor (CCKAR); Guinea pig Cholecystokinin A Receptor (CCKAR) ELISA Kit; CCK-A; CCK1; CCKRA; CCK1R; Cholecystokinin Type 1 Receptor; CCKAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of CCKAR. No significant cross-reactivity or interference between CCKAR and analogues was observed.
Sequence Length	430
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.078ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCKAR 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 CCKAR were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCKAR elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CCKAR in Guinea pig tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CCKAR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CCKAR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CCKAR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 CCKAR in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	348563309
NCBI GeneID	100719593
NCBI Accession #	XP_003467450.1
NCBI GenBank Nucleotide #	XP_003467450.1
UniProt Accession #	Q63931
Molecular Weight	48,211 Da
NCBI Official Full Name	cholecystokinin receptor type A
NCBI Official Symbol	Cckar
NCBI Official Synonym Symbols	CCK-AR; CCK1-R
NCBI Protein Information	cholecystokinin A receptor; CCK-A receptor; Cholecystokinin receptor type A; Cholecystokinin-1 receptor
UniProt Protein Name	Cholecystokinin receptor type A
UniProt Gene Name	CCKAR
UniProt Synonym Gene Names	CCK-A receptor; CCK-AR; CCK1-R

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://stage.aaabiotech.com/guinea-pig-pig-elisa-kits/cholecystokinin-a-receptor-cckar/64709>