

Rat CCKAR ELISA Kit | CCKAR elisa kit

Rat CCKAR (Cholecystokinin A Receptor) ELISA Kit

CATALOG #
AAA163502

REACTIVITY
Rat

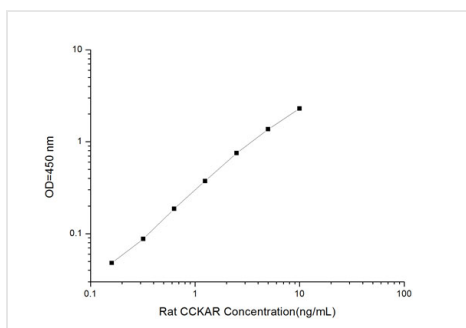
PRODUCT SYNONYMS

CCKAR; Rat CCKAR (Cholecystokinin A Receptor) ELISA Kit; CCKAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat CCKAR. No significant cross-reactivity or interference between Rat CCKAR and analogues was observed.
Sequence Length	428
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat CCKAR concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCKAR elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CCKAR. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CCKAR and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CCKAR, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CCKAR. You can calculate the concentration of CCKAR in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502607
NCBI GeneID	886
NCBI Accession #	NP_000721.1
NCBI GenBank Nucleotide #	NM_000730.2
UniProt Accession #	P32238; B2R9Z5
Molecular Weight	47,841 Da
NCBI Official Full Name	cholecystokinin receptor type A
NCBI Official Synonym Full Names	cholecystokinin A receptor
NCBI Official Symbol	CCKAR
NCBI Official Synonym Symbols	CCK-A; CCK1R; CCKRA; CCK1-R
NCBI Protein Information	cholecystokinin receptor type A; CCK-A receptor; CCK-AR; cholecystokinin type-A receptor; cholecystokinin-1 receptor
UniProt Protein Name	Cholecystokinin receptor type A
UniProt Gene Name	CCKAR
UniProt Synonym Gene Names	CCKRA; CCK-A receptor; CCK-AR; CCK1-R
UniProt Entry Name	CCKAR_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.