

Mouse Cannabinoid Receptor 1, Brain ELISA Kit | CNR1 elisa kit

Mouse CNR1 (Cannabinoid Receptor 1, Brain) ELISA Kit

CATALOG #
AAA22044

REACTIVITY
Mouse

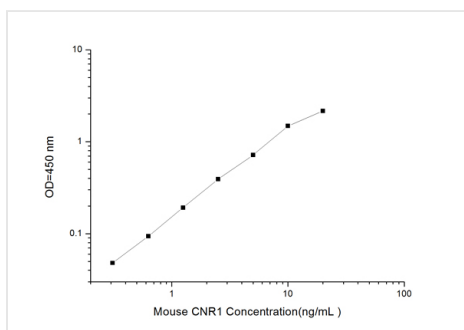
PRODUCT SYNONYMS

Cannabinoid Receptor 1; Brain; Mouse CNR1 (Cannabinoid Receptor 1; Brain) ELISA Kit ; CNR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse CNR1 in samples. No significant cross-reactivity or interference between Mouse CNR1 and analogues was observed.
Sequence Length	473
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse CNR1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse CNR1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNR1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse CNR1 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse CNR1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse CNR1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse CNR1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Mouse CNR1. You can calculate the concentration of Mouse CNR1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978673
NCBI GeneID	25248
NCBI Accession #	NP_036916.1
NCBI GenBank Nucleotide #	NM_012784.4
UniProt Accession #	P20272
Molecular Weight	52,845 Da
NCBI Official Full Name	cannabinoid receptor 1
NCBI Official Synonym Full Names	cannabinoid receptor 1
NCBI Official Symbol	Cnr1
NCBI Official Synonym Symbols	SKR6R
NCBI Protein Information	cannabinoid receptor 1
UniProt Protein Name	Cannabinoid receptor 1
UniProt Gene Name	Cnr1
UniProt Synonym Gene Names	Skr6; CB-R; CB1
UniProt Entry Name	CNR1_RAT

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.