

Rat Cannabinoid Receptor 1, Brain (CNR1) RTU ELISA Kit | CNR1 rtu elisa kit

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CATALOG #
AAA69839

REACTIVITY
Rat

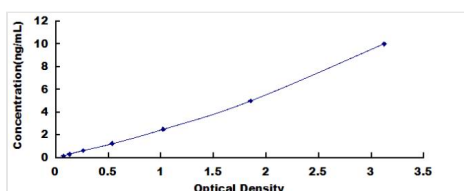
PRODUCT SYNONYMS

Cannabinoid Receptor 1; Brain (CNR1); Rat Cannabinoid Receptor 1; Brain (CNR1) ELISA Kit; CANN6; CB-R; CB1; CB1A; CB1K5; CNR; CNR1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	473
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.056ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNR1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CNR1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CNR1. 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 CNR1, 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 $\pm$ 10nm. The concentration of CNR1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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	; CB-R; CB1

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://www.aaabiotech.com/rat-rtu-elisa-kits/cannabinoid-receptor-1-brain-cnr1/69839>