

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

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CATALOG #
AAA101667

REACTIVITY
Mouse

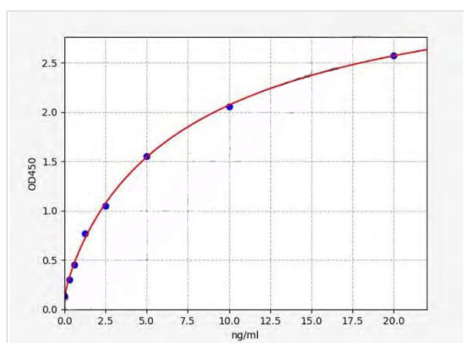
PRODUCT SYNONYMS

Cannabinoid Receptor 1; Brain; Mouse Cannabinoid Receptor 1; Brain ELISA Kit; CNR1/CANN6/CB1/CB1A/CB1K5/CB1R/CB-R/CNR1/SKR6R/CANN6CB1R/cannabinoid receptor 1 (brain)/CB1A/CB1K5/CB-RCB1cannabinoid receptor 1/central cannabinoid receptor/CNR; CNR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CNR1. No significant cross-reactivity or interference between CNR1 and analogues was observed.
Sequence Length	473
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNR1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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
Molecular Weight	52,845 Da
NCBI Official Full Name	cannabinoid receptor 1
NCBI Official Synonym Full Names	cannabinoid receptor 1 (brain)
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.

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Online datasheet: <https://www.aaabiotech.com/cnr1-mouse-elisa-kits/cannabinoid-receptor-1-brain/101667>