

Mouse Cannabinoid Receptor 2 ELISA Kit | CNR2 elisa kit

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CATALOG #
AAA100413

REACTIVITY
Mouse

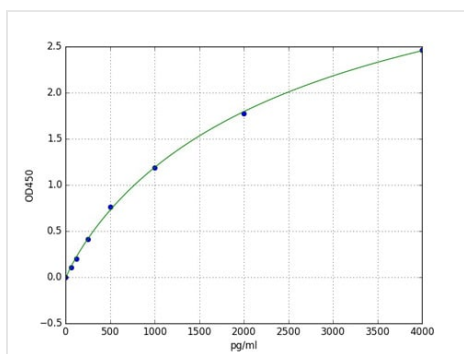
PRODUCT SYNONYMS

Cannabinoid Receptor 2; Mouse Cannabinoid Receptor 2 ELISA Kit; CNR2/CB2R/CNR2/CX5/cannabinoid receptor 2 (macrophage)/CB-2/CB2cannabinoid receptor 2/CX5testis-dominant CNR2 isoform CB2/hCB2; CNR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	360
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	62.5-4000pg/ml
Sensitivity	37.5pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse CNR2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	62.5	125	250	500	1000	2000	4000
Y	OD450	0.005	0.045	0.082	0.169	0.476	0.799	1.716	2.227

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNR2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse CNR2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse CNR2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse CNR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse CNR2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502929
NCBI GeneID	1269
NCBI Accession #	NP_001832.1
NCBI GenBank Nucleotide #	NM_001841.2
Molecular Weight	39,681 Da
NCBI Official Full Name	cannabinoid receptor 2
NCBI Official Synonym Full Names	cannabinoid receptor 2
NCBI Official Symbol	CNR2
NCBI Official Synonym Symbols	CB2; CX5; CB-2
NCBI Protein Information	cannabinoid receptor 2
UniProt Protein Name	Cannabinoid receptor 2
UniProt Gene Name	CNR2
UniProt Synonym Gene Names	CB2A; CB2B; CB-2; CB2; hCB2
UniProt Entry Name	CNR2_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.

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Online datasheet: <https://stage.aaabiotech.com/cnr2-mouse-elisa-kits/cannabinoid-receptor-2/100413>