

Rat Cnr2 (Cannabinoid receptor 2) ELISA Kit | Cnr2 elisa kit

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CATALOG #
AAA249890

REACTIVITY
Rat

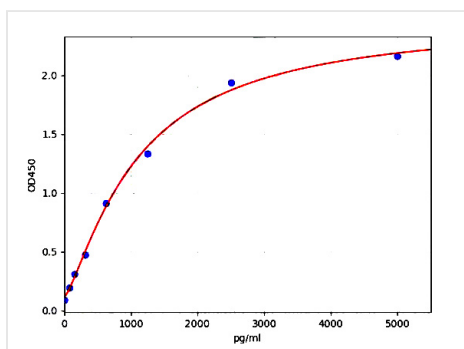
PRODUCT SYNONYMS

Cnr2 (Cannabinoid receptor 2); Rat Cnr2 (Cannabinoid receptor 2) ELISA Kit; Cannabinoid receptor 2; CB-2; CB2; rCB2; Cnr2; Cnr2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Cnr2. No significant cross-reactivity or interference between Cnr2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 Cnr2 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255918134
NCBI GeneID	57302
NCBI Accession #	NP_001157614.1
NCBI GenBank Nucleotide #	NM_001164142.3
UniProt Accession #	Q9QZN9; Q9EP74
Molecular Weight	45,163 Da
NCBI Official Full Name	cannabinoid receptor 2 isoform 1
NCBI Official Synonym Full Names	cannabinoid receptor 2
NCBI Official Symbol	Cnr2
NCBI Official Synonym Symbols	CB2; CB-2; CB2C; CNR2C
NCBI Protein Information	cannabinoid receptor 2
UniProt Protein Name	Cannabinoid receptor 2
UniProt Gene Name	Cnr2
UniProt Synonym Gene Names	CB-2; CB2; rCB2

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/rat-elisa-kits/cnr2-cannabinoid-receptor-2/249890>