

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

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CATALOG #
AAA89879

REACTIVITY
Sheep

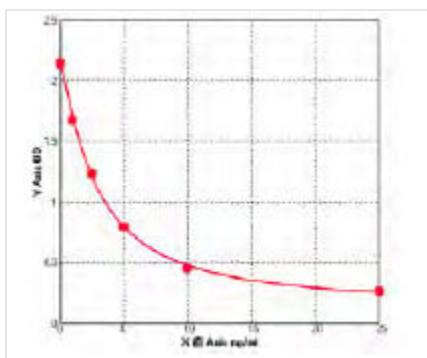
PRODUCT SYNONYMS

Cannabinoid Receptor 1; Brain; Sheep Cannabinoid Receptor 1; Brain ELISA Kit; CNR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNR1 elisa kit

Intended Uses: This CNR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep CNR1. This ELISA kit for research use only!

Principle of the Assay: CNR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CNR1 antibody and an CNR1-HRP conjugate. The assay sample and buffer are incubated together with CNR1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CNR1 concentration since CNR1 from samples and CNR1-HRP conjugate compete for the anti-CNR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CNR1 from the sample, fewer sites are left to bind CNR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CNR1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CNR1 elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	237681175
NCBI GeneID	1268
NCBI Accession #	NP_001153731.1
NCBI GenBank Nucleotide #	NM_001160259.1
Molecular Weight	49,060 Da
NCBI Official Full Name	cannabinoid receptor 1 isoform a
NCBI Official Synonym Full Names	cannabinoid receptor 1 (brain)
NCBI Official Symbol	CNR1
NCBI Official Synonym Symbols	CB1; CNR; CB-R; CB1A; CB1R; CANN6; CB1K5
NCBI Protein Information	cannabinoid receptor 1; central cannabinoid receptor
UniProt Protein Name	Cannabinoid receptor 1
UniProt Gene Name	CNR1
UniProt Synonym Gene Names	CNR; CB-R; CB1
UniProt Entry Name	CNR1_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://www.aaabiotech.com/cnr1-sheep-elisa-kits/cannabinoid-receptor-1-brain/89879>