

Human Cannabinoid receptor 2 (CNR2) ELISA Kit | CNR2 elisa kit

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CATALOG #
AAA246612

REACTIVITY
Human

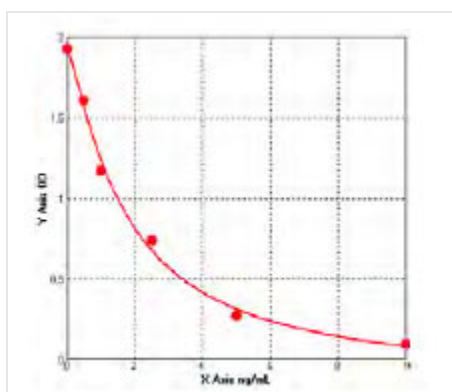
PRODUCT SYNONYMS

Cannabinoid receptor 2 (CNR2); Human Cannabinoid receptor 2 (CNR2) ELISA Kit; CNR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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 CNR2 elisa kit

Intended Uses: This CNR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CNR2. This ELISA kit for research use only!

Principle of the Assay: CNR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CNR2 antibody and an CNR2-HRP conjugate. The assay sample and buffer are incubated together with CNR2-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 CNR2 concentration since CNR2 from samples and CNR2-HRP conjugate compete for the anti-CNR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CNR2 from the sample, fewer sites are left to bind CNR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CNR2 concentration in each sample is interpolated from this standard curve.

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 (macrophage)
NCBI Official Symbol	CNR2
NCBI Official Synonym Symbols	CB2; CX5; CB-2
NCBI Protein Information	cannabinoid receptor 2; testis-dominant CNR2 isoform CB2
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.