

Rat CB1 cannabinoid receptor-interacting protein 1 (CNRIP1) ELISA Kit | CNRIP1 elisa kit

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CATALOG #
AAA246129

REACTIVITY
Rat

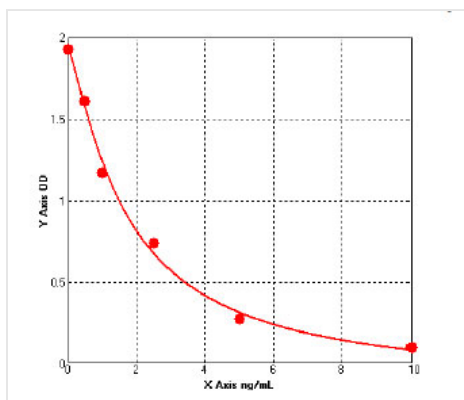
PRODUCT SYNONYMS

CB1 cannabinoid receptor-interacting protein 1 (CNRIP1); Rat CB1 cannabinoid receptor-interacting protein 1 (CNRIP1) ELISA Kit; CNRIP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CNRIP1. No significant cross-reactivity or interference between CNRIP1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CNRIP1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 CNRIP1 elisa kit	Principle of the Assay: CNRIP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CNRIP1 antibody and an CNRIP1-HRP conjugate. The assay sample and buffer are incubated together with CNRIP1-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 CNRIP1 concentration since CNRIP1 from samples and CNRIP1-HRP conjugate compete for the anti-CNRIP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CNRIP1 from the sample, fewer sites are left to bind CNRIP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CNRIP1 concentration in each sample is interpolated from this standard curve. Intended Uses: This CNRIP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CNRIP1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CNRIP1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	161783807
NCBI GeneID	25927
NCBI Accession #	NP_001104571.1
NCBI GenBank Nucleotide #	NM_001111101.1
Molecular Weight	14,224 Da
NCBI Official Full Name	CB1 cannabinoid receptor-interacting protein 1 isoform CRIP1b
NCBI Official Synonym Full Names	cannabinoid receptor interacting protein 1
NCBI Official Symbol	CNRIP1
NCBI Official Synonym Symbols	CRIP1; C2orf32
NCBI Protein Information	CB1 cannabinoid receptor-interacting protein 1; CRIP-1; cannabinoid receptor CB1-interacting protein 1
UniProt Protein Name	CB1 cannabinoid receptor-interacting protein 1
UniProt Gene Name	CNRIP1
UniProt Synonym Gene Names	C2orf32; CRIP-1
UniProt Entry Name	CNRP1_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/rat-elisa-kits/cb1-cannabinoid-receptor-interacting-protein-1-cnrip1/246129>