

Human Cannabinoid Receptor Interacting Protein 1 (CNRIP1) ELISA Kit | CNRIP1 elisa kit

Human Cannabinoid Receptor Interacting Protein 1 (CNRIP1)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152432

REACTIVITY
Human

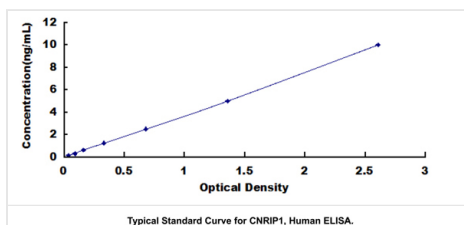
PRODUCT SYNONYMS

Cannabinoid Receptor Interacting Protein 1 (CNRIP1); Human Cannabinoid Receptor Interacting Protein 1 (CNRIP1)(Sandwich ELISA) ELISA Kit; ELISA Kit for Cannabinoid Receptor Interacting Protein 1 (CNRIP1); CRIP1; CRIP1a; CRIP1b; C2orf32; CB1 cannabinoid receptor-interacting protein 1; CNRIP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CNRIP1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CNRIP1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNRIP1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CNRIP1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CNRIP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CNRIP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CNRIP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CNRIP1 in human tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24308071
NCBI GeneID	25927
NCBI Accession #	NP_056278
NCBI GenBank Nucleotide #	NM_015463.2
UniProt Accession #	Q96F85; Q49AN4; Q9UFZ0; B2R4D0
Molecular Weight	Predicted: 18 kDa Observed: 16 kDa
NCBI Official Full Name	CB1 cannabinoid receptor-interacting protein 1 isoform CRIP1a
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.