

Human CNR1 (Cannabinoid Receptor 1, Brain) CLIA Kit | CNR1 clia kit

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CATALOG #
AAA171127

REACTIVITY
Human

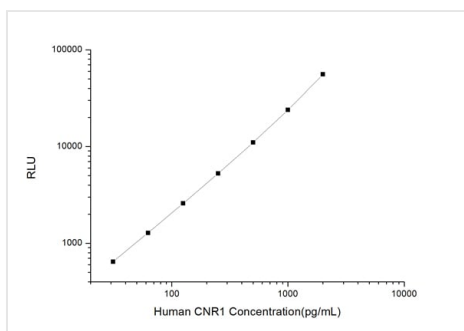
PRODUCT SYNONYMS

CNR1 (Cannabinoid Receptor 1; Brain); Human CNR1 (Cannabinoid Receptor 1; Brain) CLIA Kit; CNR1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant CNR1. No significant cross-reactivity or interference between CNR1 and analogues was observed.
Sequence Length	473
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNR1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of CNR1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to CNR1. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CNR1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CNR1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of CNR1. You can calculate the concentration of CNR1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978673
NCBI GeneID	25248
NCBI Accession #	NP_036916.1
NCBI GenBank Nucleotide #	NM_012784.4
Molecular Weight	52,845 Da
NCBI Official Full Name	cannabinoid receptor 1
NCBI Official Synonym Full Names	cannabinoid receptor 1 (brain)
NCBI Official Symbol	Cnr1
NCBI Official Synonym Symbols	SKR6R
NCBI Protein Information	cannabinoid receptor 1
UniProt Protein Name	Cannabinoid receptor 1
UniProt Gene Name	Cnr1
UniProt Synonym Gene Names	Skr6; CB-R; CB1
UniProt Entry Name	CNR1_RAT

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/human-clia-kits/cnr1-cannabinoid-receptor-1-brain/171127>