

Human CNTNAP1 ELISA Kit | CNTNAP1 elisa kit

Human CNTNAP1 (Contactin Associated Protein 1) ELISA Kit

CATALOG #
AAA165011

REACTIVITY
Human

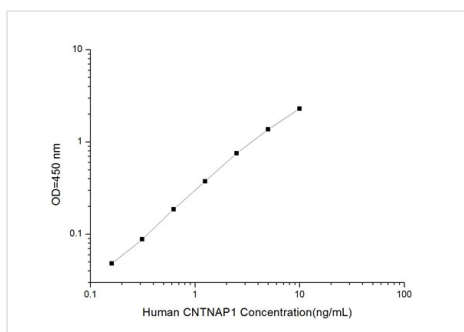
PRODUCT SYNONYMS

CNTNAP1; Human CNTNAP1 (Contactin Associated Protein 1) ELISA Kit; CNTNAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CNTNAP1 in samples. No significant cross-reactivity or interference between Human CNTNAP1 and analogues was observed.
Sequence Length	1384
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human CNTNAP1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human CNTNAP1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTNAP1 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CNTNAP1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CNTNAP1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CNTNAP1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human CNTNAP1. You can calculate the concentration of Human CNTNAP1 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CNTNAP1 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505463
NCBI GeneID	8506
NCBI Accession #	NP_003623.1
NCBI GenBank Nucleotide #	NM_003632.2
UniProt Accession #	P78357
Molecular Weight	156,267 Da
NCBI Official Full Name	contactin-associated protein 1
NCBI Official Synonym Full Names	contactin associated protein 1
NCBI Official Symbol	CNTNAP1
NCBI Official Synonym Symbols	P190; CASPR; NRXN4; CNTNAP
NCBI Protein Information	contactin-associated protein 1; caspr1; neurexin 4; neurexin IV; neurexin-4
UniProt Protein Name	Contactin-associated protein 1
UniProt Gene Name	CNTNAP1
UniProt Synonym Gene Names	CASPR; NRXN4; Caspr; Caspr1
UniProt Entry Name	CNTP1_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.