

Human CNTN4 ELISA Kit | CNTN4 elisa kit

Human CNTN4 (Contactin 4) ELISA Kit

CATALOG #
AAA165350

REACTIVITY
Human

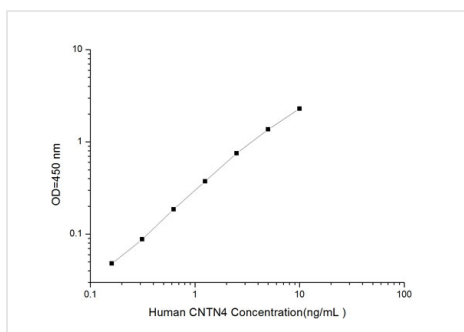
PRODUCT SYNONYMS

CNTN4; Human CNTN4 (Contactin 4) ELISA Kit; CNTN4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CNTN4 in samples. No significant cross-reactivity or interference between Human CNTN4 and analogues was observed.
Sequence Length	1026
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
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 CNTN4 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 CNTN4 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 CNTN4 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CNTN4 concentrations in serum, plasma and other biological fluids. 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 CNTN4. 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 CNTN4 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 CNTN4, 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 CNTN4. You can calculate the concentration of Human CNTN4 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	332688245
NCBI GeneID	152330
NCBI Accession #	NP_001193884.1
NCBI GenBank Nucleotide #	NM_001206955.1
UniProt Accession #	Q8IWW2; Q8IX14; Q8TC35; B2RAX3
Molecular Weight	76,655 Da
NCBI Official Full Name	contactin-4 isoform a
NCBI Official Synonym Full Names	contactin 4
NCBI Official Symbol	CNTN4
NCBI Official Synonym Symbols	AXCAM; BIG-2
NCBI Protein Information	contactin-4; axonal-associated cell adhesion molecule; brain-derived immunoglobulin superfamily protein 2; neural cell adhesion protein BIG-2
UniProt Protein Name	Contactin-4
UniProt Gene Name	CNTN4
UniProt Synonym Gene Names	BIG-2
UniProt Entry Name	CNTN4_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.