

Rat CNTN4 ELISA Kit | CNTN4 elisa kit

Rat CNTN4(Contactin 4) ELISA Kit

CATALOG #
AAA163702

REACTIVITY
Rat

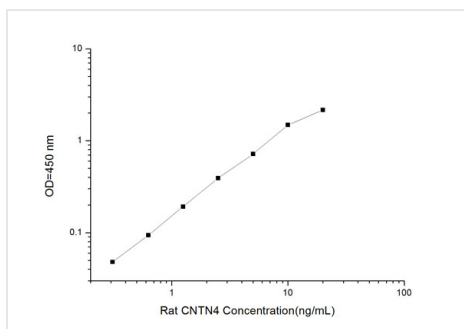
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinantRatCNTN4. No significant cross-reactivity or interference between RatCNTN4 and analogues was observed.
Sequence Length	1026
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
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 invitro quantitative determination of RatCNTN4concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CNTN4. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CNTN4and 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 CNTN4, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 CNTN4.You can calculate the concentration of CNTN4in 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.