

Rat CNTN2 ELISA Kit | CNTN2 elisa kit

Rat CNTN2 (Contactin 2) ELISA Kit

CATALOG #
AAA164762

REACTIVITY
Rat

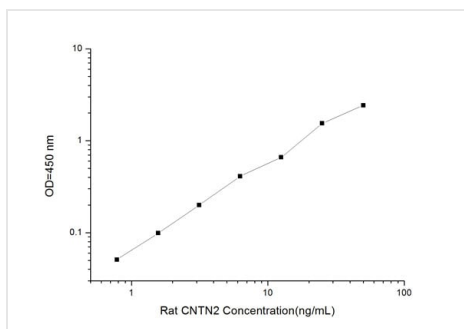
PRODUCT SYNONYMS

CNTN2; Rat CNTN2 (Contactin 2) ELISA Kit; CNTN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat CNTN2. No significant cross-reactivity or interference between Rat CNTN2 and analogues was observed.
Sequence Length	1040
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTN2 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat CNTN2 concentrations 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 CNTN2. 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 CNTN2 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 CNTN2, 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 CNTN2. You can calculate the concentration of CNTN2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4827022
NCBI GeneID	6900
NCBI Accession #	NP_005067.1
NCBI GenBank Nucleotide #	NM_005076.3
UniProt Accession #	Q02246; P78432; Q5T054
Molecular Weight	113,393 Da
NCBI Official Full Name	contactin-2
NCBI Official Synonym Full Names	contactin 2 (axonal)
NCBI Official Symbol	CNTN2
NCBI Official Synonym Symbols	AXT; TAX; TAX1; FAME5; TAG-1
NCBI Protein Information	contactin-2; axonal glycoprotein TAG-1; axonin-1 cell adhesion molecule; contactin 2 (transiently expressed); transient axonal glycoprotein 1; transiently-expressed axonal glycoprotein
UniProt Protein Name	Contactin-2
UniProt Gene Name	CNTN2
UniProt Synonym Gene Names	AXT; TAG1; TAX1; TAX-1
UniProt Entry Name	CNTN2_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.