

Monkey Contactin 2 ELISA Kit | CNTN2 elisa kit

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CATALOG #
AAA94733

REACTIVITY
Monkey

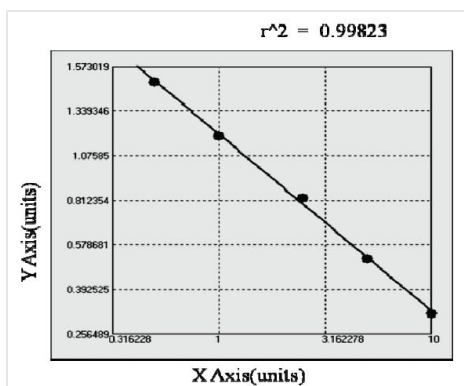
PRODUCT SYNONYMS

Contactin 2; Monkey Contactin 2 ELISA Kit; CNTN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CNTN2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CNTN2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTN2 elisa kit

Principle of the Assay: CNTN2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CNTN2 antibody and an CNTN2-HRP conjugate. The assay sample and buffer are incubated together with CNTN2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CNTN2 concentration since CNTN2 from samples and CNTN2-HRP conjugate compete for the anti-CNTN2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CNTN2 from the sample, fewer sites are left to bind CNTN2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CNTN2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4827022
NCBI GeneID	6900
NCBI Accession #	NP_005067.1
NCBI GenBank Nucleotide #	NM_005076.3
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; transient axonal glycoprotein 1; contactin 2 (transiently expressed); 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.