

Mouse Contactin 1 ELISA Kit | CNTN1 elisa kit

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CATALOG #
AAA83690

REACTIVITY
Mouse

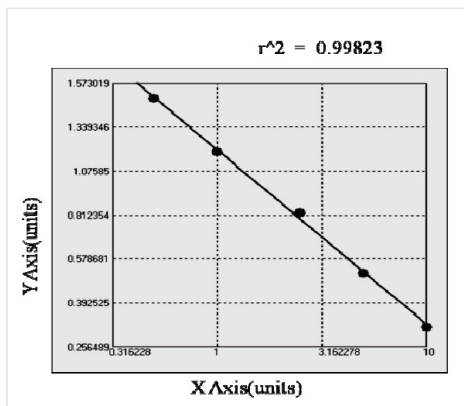
PRODUCT SYNONYMS

Contactin 1; Mouse Contactin 1 ELISA Kit; CNTN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CNTN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Moue CNTN1. 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 CNTN1 elisa kit

Principle of the assay: CNTN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CNTN1 antibody and an CNTN1-HRP conjugate. The assay sample and buffer are incubated together with CNTN1-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 CNTN1 concentration since CNTN1 from samples and CNTN1-HRP conjugate compete for the anti-CNTN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CNTN1 from the sample, fewer sites are left to bind CNTN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CNTN1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28373119
NCBI GeneID	1272
NCBI Accession #	NP_778203.1
NCBI GenBank Nucleotide #	NM_175038.2
Molecular Weight	70,604 Da
NCBI Official Full Name	contactin-1 isoform 2
NCBI Official Synonym Full Names	contactin 1
NCBI Official Symbol	CNTN1
NCBI Official Synonym Symbols	F3; GP135; MYPCN
NCBI Protein Information	contactin-1; glycoprotein gP135; neural cell surface protein F3
UniProt Protein Name	Contactin-1
UniProt Gene Name	CNTN1
UniProt Entry Name	CNTN1_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.

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Online datasheet: <https://stage.aaabiotech.com/cntn1-mouse-elisa-kits/contactin-1/83690>