

Human Contactin 1 ELISA Kit | CNTN1 elisa kit

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CATALOG #
AAA16357

REACTIVITY
Human

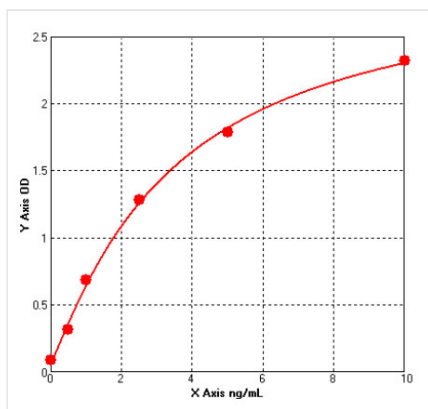
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CNTN1. No significant cross-reactivity or interference between CNTN1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CNTN1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Highest Standards	10 ng/mL
Concentration of Standards	Concentration of Standards
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 quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CNTN1. Standards or samples are then added to the microtiter plate wells and CNTN1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CNTN1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CNTN1 are added to each well to "sandwich" the CNTN1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CNTN1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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. Intended Uses: This CNTN1 ELISA kit is a 1.5-hour solid-phase ELISA designed for the quantitative determination of Human CNTN1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for CNTN1 elisa kit	Neurobiology

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-human-elisa-kits/contactin-1/16357>