

Human Contactin 6 (CNTN6) ELISA Kit | CNTN6 elisa kit

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CATALOG #
AAA149208

REACTIVITY
Human

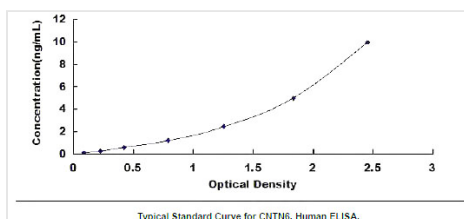
PRODUCT SYNONYMS

Contactin 6 (CNTN6); Human Contactin 6 (CNTN6) ELISA Kit; NB-3; Neural Adhesion Molecule; CNTN6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CNP. No significant cross-reactivity or interference between CNP and analogues was observed.
Sequence Length	1028
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates And Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CNP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CNP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTN6 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CNP in rat serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CNP. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CNP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CNP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CNP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CNTN6 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	86577727
NCBI GeneID	27255
Molecular Weight	113,956 Da
NCBI Official Full Name	Contactin 6
NCBI Official Synonym Full Names	contactin 6
NCBI Official Symbol	CNTN6
NCBI Official Synonym Symbols	NB3
NCBI Protein Information	contactin-6
UniProt Protein Name	Contactin-6
UniProt Gene Name	CNTN6
UniProt Synonym Gene Names	hNB-3

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/contactin-6-cntn6/149208>