

Mouse Contactin-6 ELISA Kit | CNTN6 elisa kit

Mouse Contactin-6 PicoKine ELISA Kit

CATALOG #
AAA125186

REACTIVITY
Mouse

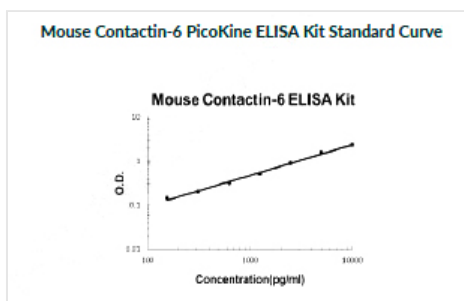
PRODUCT SYNONYMS

Contactin-6; Mouse Contactin-6 PicoKine ELISA Kit; Mouse Contactin-6; contactin 6; Neural recognition molecule NB-3; mNB-3; Cntn6; CNTN6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Cntn6
Sequence Length	1028
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<50pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTN6 elisa kit	Principle of the Assay: The Picokine™ Mouse Cntn6 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Cntn6 with a 96-well strip plate that is pre-coated with antibody specific for Cntn6. The detection antibody is a biotinylated antibody specific for Cntn6. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Cntn6 with immunogen: Expression system for standard: NSO, Immunogen sequence: E20-S999. The kit is analytically validated with ready to use reagents. To measure Mouse Cntn6, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Mouse Cntn6 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Cntn6 in the sample.!!Background/Introduction: Contactin 6 is a protein in humans that is encoded by the CNTN6 gene. It is mapped to 6; 6 E1. The protein encoded by this gene is a member of the immunoglobulin superfamily. It is a glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule. It may play a role in the formation of axon connections in the developing nervous system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31980846
NCBI GeneID	53870
NCBI Accession #	NP_059079.2
NCBI GenBank Nucleotide #	NP_059079.2
UniProt Accession #	Q9JMB8
NCBI Official Full Name	contactin-6
NCBI Official Synonym Full Names	contactin 6
NCBI Official Symbol	Cntn6
NCBI Official Synonym Symbols	NB-3
NCBI Protein Information	contactin-6
UniProt Protein Name	Contactin-6
UniProt Gene Name	Cntn6
UniProt Synonym Gene Names	mNB-3
UniProt Entry Name	CNTN6_MOUSE

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/cntn6-mouse-elisa-kits/contactin-6/125186>