

Mouse Contactin-1 ELISA Kit | CNTN1 elisa kit

Mouse Contactin-1 PicoKine ELISA Kit

CATALOG #
AAA125050

REACTIVITY
Mouse

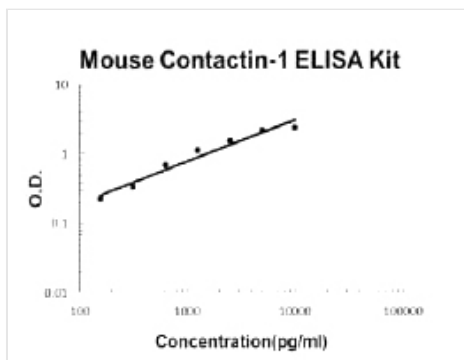
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Ces1d
Sequence Length	1010
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 accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNTN1 elisa kit	Principle of the Assay: The Picokine Mouse Ces1d Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Ces1d with a 96-well strip plate that is pre-coated with antibody specific for Ces1d. The detection antibody is a biotinylated antibody specific for Ces1d. The capture antibody is A monoclonal antibody from rat, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Mouse Ces1d with immunogen: Expression system for standard: NSO, Immunogen sequence: Y19-L565. The kit is analytically validated with ready to use reagents. To measure Mouse Ces1d, 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 propotional to Mouse Ces1d 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 Ces1d in the sample!!Background/Introduction: This gene is mapped to 8; 8 C5. It encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. Enzyme that hydrolizes long-chain fatty acids and thioesters; may play a role in lipid metabolism and/or the elimination of toxic substances. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. This gene is expressed in several tissues, particularly in colon, trachea and in brain, and the protein participates in colon and neural drug metabolism. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported, but the biological validity and/or full-length nature of some variants have not been determined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	292494926
NCBI GeneID	417786
NCBI Accession #	NP_001004381.3
NCBI GenBank Nucleotide #	NM_001004381.3
NCBI Official Full Name	contactin-1 preproprotein
NCBI Official Synonym Full Names	contactin 1
NCBI Official Symbol	CNTN1
NCBI Official Synonym Symbols	F11; contactin-1
NCBI Protein Information	contactin-1

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/mouse-elisa-kits/contactin-1/125050>