

Mouse CPE ELISA Kit | CPE elisa kit

Mouse CPE PicoKine ELISA Kit

CATALOG #
AAA125085

REACTIVITY
Mouse

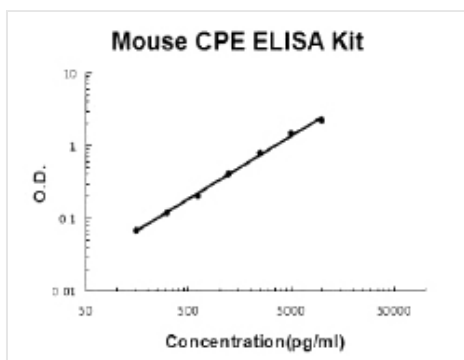
PRODUCT SYNONYMS

CPE; Mouse CPE PicoKine ELISA Kit; Mouse CPE; CPE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Ctn1
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 CPE elisa kit	Principle of the Assay: The Picokine Mouse Cntn1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Cntn1 with a 96-well strip plate that is pre-coated with antibody specific for Cntn1. The detection antibody is a biotinylated antibody specific for Cntn1. 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 Cntn1 with immunogen: Expression system for standard: NSO, Immunogen sequence: D21-S1001. The kit is analytically validated with ready to use reagents. To measure Mouse Cntn1, 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 Cntn1 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 Cntn1 in the sample!!Background/Introduction: Contactin 1, also known as CNTN1, is a protein which in humans is encoded by the CNTN1 gene. This gene is mapped to 15 E3; 15 46.39 cM. 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. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
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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/mouse-elisa-kits/cpe/125085>