

Rat Plexin B2 ELISA Kit | PLXNB2 elisa kit

Rat Plexin B2 PicoKine ELISA Kit

CATALOG #
AAA125081

REACTIVITY
Rat

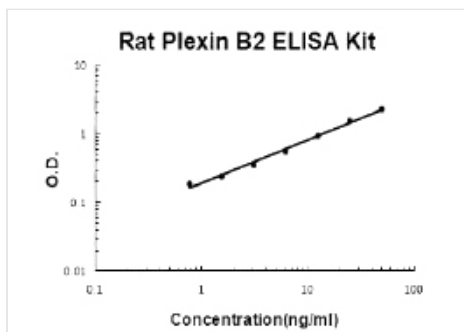
PRODUCT SYNONYMS

Plexin B2; Rat Plexin B2 PicoKine ELISA Kit; Rat Plexin B2; PLXNB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat Plxna1
Sequence Length	470
Samples	Cell Culture Supernates, Serum And Plasma(Heparin, Edta)
Detection Range	0.312ng/ml-20ng/ml
Sensitivity	<0.1ng/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 PLXNB2 elisa kit	Principle of the Assay: The Picokine Rat Plxna1 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat Plxna1 with a 96-well strip plate that is pre-coated with antibody specific for Plxna1. The detection antibody is a biotinylated antibody specific for Plxna1. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Rat Plxna1 with immunogen: Expression system for standard: NSO, Immunogen sequence: S46-S1255. The kit is analytically validated with ready to use reagents. To measure Rat Plxna1, 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 Rat Plxna1 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 Rat Plxna1 in the sample!!Background/Introduction: Plexin-A1 is a protein that in humans is encoded by the PLXNA1 gene. This gene is mapped to 4q34. Plexin A1 has been shown to interact with AKT1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30582613
NCBI GeneID	23654
NCBI Official Full Name	plexin B2
NCBI Official Synonym Full Names	plexin B2
NCBI Official Symbol	PLXNB2
NCBI Official Synonym Symbols	MM1; PLEXB2; Nbla00445; dJ402G11.3
NCBI Protein Information	plexin-B2

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/rat-elisa-kits/plexin-b2/125081>