

Mouse SEMA6A ELISA Kit | SEMA6A elisa kit

Mouse SEMA6A PicoKine ELISA Kit

CATALOG #
AAA125263

REACTIVITY
Mouse

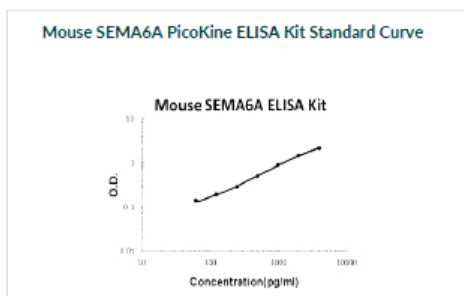
PRODUCT SYNONYMS

SEMA6A; Mouse SEMA6A PicoKine ELISA Kit; Mouse SEMA6A; sema domain; transmembrane domain (TM); and cytoplasmic domain; (semaphorin) 6A; Semaphorin-6A; Semaphorin Q; Sema Q; Semaphorin VIA; Sema VIA; Semaphorin-6A-1; SEMA6A-1; SEMA6A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Sema6a
Sequence Length	1031
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	62.5pg/ml-4000pg/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 SEMA6A elisa kit	Principle of the Assay: The Picokine™ Mouse Sema6a Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Sema6a with a 96-well strip plate that is pre-coated with antibody specific for Sema6a. The detection antibody is a biotinylated antibody specific for Sema6a. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Sema6a with immunogen: Expression system for standard: NSO, Immunogen sequence: G19-T649. The kit is analytically validated with ready to use reagents. To measure Mouse Sema6a, 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 Sema6a 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 Sema6a in the sample.!!Background/Introduction: Semaphorin-6A is a protein that in humans is encoded by the SEMA6A gene. This gene is mapped to 18; 18 C. Semaphorin 6A is a transmembrane protein belonging to the semaphorin family. It functions as an axon guidance signal.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	67846119
NCBI GeneID	20358
NCBI Accession #	NP_061214.2
NCBI GenBank Nucleotide #	NP_061214.2
UniProt Accession #	O35464
NCBI Official Full Name	semaphorin-6A isoform 1
NCBI Official Synonym Full Names	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6A
NCBI Official Symbol	Sema6a
NCBI Official Synonym Symbols	Vla; Semaq; AI851735; Sema6A-1; A730020P05Rik
NCBI Protein Information	semaphorin-6A
UniProt Protein Name	Semaphorin-6A
UniProt Gene Name	Sema6a
UniProt Synonym Gene Names	Semaq; Sema Q; Sema VIA; SEMA6A-1
UniProt Entry Name	SEM6A_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://www.aaabiotech.com/mouse-elisa-kits/sema6a/125263>