

Mouse Semaphorin-4D, SEMA4D ELISA Kit | SEMA4D elisa kit

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CATALOG #
AAA123438

REACTIVITY
Mouse

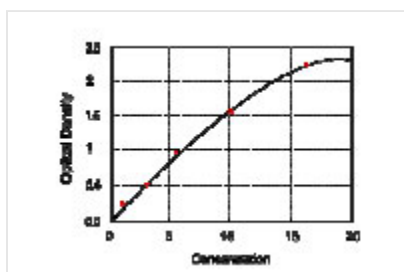
PRODUCT SYNONYMS

Semaphorin-4D; SEMA4D; Mouse Semaphorin-4D; SEMA4D ELISA Kit; SEMA4D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	862
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.1-40ng/mL
Sensitivity	0.056ng/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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA4D elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Semaphorin-4D (also known as SEMA4D) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse SEMA4D antibody. SEMA4D present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse SEMA4D Antibody is added and binds to SEMA4D in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SEMA4D antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse SEMA4D. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	214010218
NCBI GeneID	10507
NCBI GenBank Nucleotide #	NP_006369.3
UniProt Accession #	Q92854
NCBI Official Full Name	semaphorin-4D isoform 1
NCBI Official Synonym Full Names	semaphorin 4D
NCBI Official Symbol	SEMA4D
NCBI Official Synonym Symbols	A8; GR3; BB18; CD100; COLL4; SEMAJ; coll-4; C9orf164; M-sema-G
NCBI Protein Information	semaphorin-4D
UniProt Protein Name	Semaphorin-4D
UniProt Gene Name	SEMA4D
UniProt Synonym Gene Names	C9orf164; CD100; SEMAJ
UniProt Entry Name	SEM4D_HUMAN

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/semaphorin-4d-sema4d/123438>