

Mouse Semaphorin-3A ELISA Kit | Sema3a elisa kit

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CATALOG #
AAA194535

REACTIVITY
Mouse

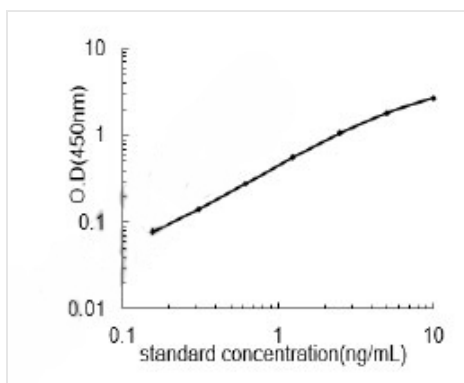
PRODUCT SYNONYMS

Semaphorin-3A; Mouse Semaphorin-3A ELISA Kit; Semaphorin III; Sema III; Semaphorin-D; Sema D; Sema3a; Semad; SemD; Sema3a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Semaphorin-3A
Sequence Length	772
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.078 ng/mL
Intra-assay Precision	<=5.8%
Inter-assay Precision	<=8.5%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sema3a elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	340523100
NCBI GeneID	20346
NCBI Accession #	NP_001230001.1
NCBI GenBank Nucleotide #	NM_001243072.1
UniProt Accession #	O08665; Q5BL08; Q62180; Q62215; E9QK85
Molecular Weight	88,813 Da
NCBI Official Full Name	semaphorin-3A
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A
NCBI Official Symbol	Sema3a
NCBI Official Synonym Symbols	SemD; SEMA1; Semad; coll-1; Hsema-I
NCBI Protein Information	semaphorin-3A
UniProt Protein Name	Semaphorin-3A
UniProt Gene Name	Sema3a
UniProt Synonym Gene Names	Semad; SemD; Sema III; Sema D
UniProt Entry Name	SEM3A_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://stage.aaabiotech.com/sema3a-mouse-elisa-kits/semaphorin-3a/194535>