

Mouse Semaphorin-3G ELISA Kit | Sema3g elisa kit

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CATALOG #
AAA56791

REACTIVITY
Mouse

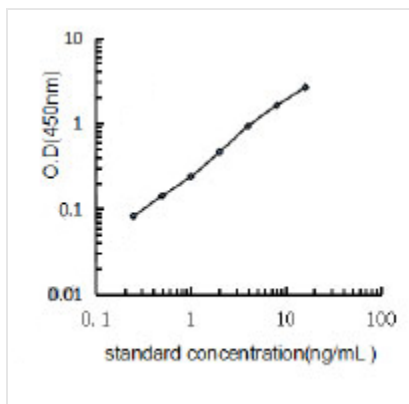
PRODUCT SYNONYMS

Semaphorin-3G; Mouse Semaphorin-3G ELISA Kit; Sema3g; Sema3g elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Semaphorin-3G
Sequence Length	780
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.25-16 ng/mL
Sensitivity	< 0.129 ng/mL
Intra-assay Precision	<=4.3%
Inter-assay Precision	<=5.6%
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 Sema3g 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 #	84794605
NCBI GeneID	218877
NCBI Accession #	NP_001020550.1
NCBI GenBank Nucleotide #	NM_001025379.1
UniProt Accession #	Q4LFA9; Q3UVA7
Molecular Weight	86,695 Da
NCBI Official Full Name	semaphorin-3G
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G
NCBI Official Symbol	Sema3g
NCBI Official Synonym Symbols	AK129018
NCBI Protein Information	semaphorin-3G
UniProt Protein Name	Semaphorin-3G
UniProt Gene Name	Sema3g
UniProt Entry Name	SEM3G_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/sema3g-mouse-elisa-kits/semaphorin-3g/56791>