

Mouse Semaphorin-5A ELISA Kit | Sema5a elisa kit

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CATALOG #
AAA195140

REACTIVITY
Mouse

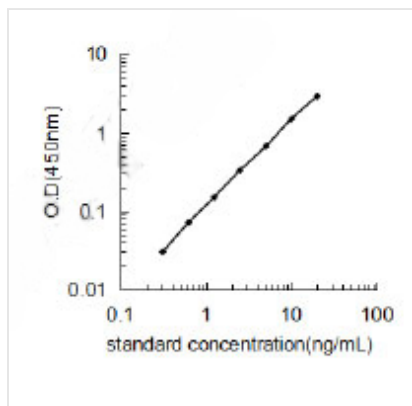
PRODUCT SYNONYMS

Semaphorin-5A; Mouse Semaphorin-5A ELISA Kit; Semaphorin-F; Sema F; Sema5a; Semaf; SemF; Sema5a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Semaphorin-5A
Sequence Length	1077
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.188 ng/mL
Intra-assay Precision	<=6.2%
Inter-assay Precision	<=9.0%
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 Sema5a 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 #	8134718
NCBI GeneID	20356
UniProt Accession #	Q62217
Molecular Weight	120,826 Da
NCBI Official Full Name	Semaphorin-5A
NCBI Official Synonym Full Names	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A
NCBI Official Symbol	Sema5a
NCBI Official Synonym Symbols	semF; Semaf; AI464145; 5930434A13; 9130201M22Rik
NCBI Protein Information	semaphorin-5A
UniProt Protein Name	Semaphorin-5A
UniProt Gene Name	Sema5a
UniProt Synonym Gene Names	Semaf; SemF; Sema F
UniProt Entry Name	SEM5A_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.