

Mouse Semaphorin-3C ELISA Kit | SEMA3C elisa kit

Mouse SEMA3C (Semaphorin-3C) ELISA Kit

CATALOG #
AAA22041

REACTIVITY
Mouse

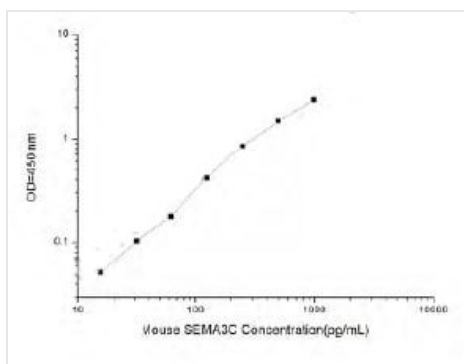
PRODUCT SYNONYMS

Semaphorin-3C; Mouse SEMA3C (Semaphorin-3C) ELISA Kit; SEMA3C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse SEMA3C in samples. No significant cross-reactivity or interference between Mouse SEMA3C and analogues was observed.
Sequence Length	751
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse SEMA3C were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse SEMA3C were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA3C elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse SEMA3C. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse SEMA3C and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse SEMA3C, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Mouse SEMA3C. You can calculate the concentration of Mouse SEMA3C in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse SEMA3C concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5454048
NCBI GeneID	10512
NCBI Accession #	NP_006370.1
NCBI GenBank Nucleotide #	NM_006379.3
Molecular Weight	26,255 Da
NCBI Official Full Name	semaphorin-3C
NCBI Official Synonym Full Names	semaphorin 3C
NCBI Official Symbol	SEMA3C
NCBI Official Synonym Symbols	SemE; SEMAE
NCBI Protein Information	semaphorin-3C
UniProt Protein Name	Semaphorin-3C
UniProt Gene Name	SEMA3C
UniProt Synonym Gene Names	SEMAE; Sema E
UniProt Entry Name	SEM3C_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/sema3c-mouse-elisa-kits/semaphorin-3c/22041>