

Mouse Semaphorin-3F ELISA Kit | Sema3f elisa kit

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CATALOG #
AAA100630

REACTIVITY
Mouse

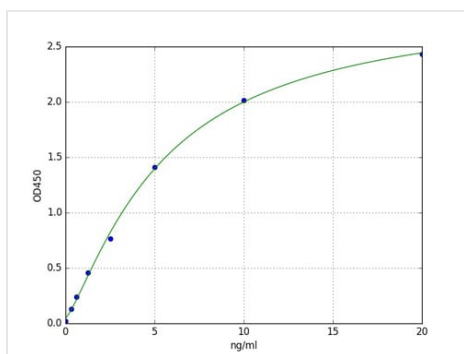
PRODUCT SYNONYMS

Semaphorin-3F; Mouse Semaphorin-3F ELISA Kit; Sema3f/SEMA3F/Sema III/F/Semaphorin IV (Sema IV)/Sema3F/SEMA4/SEMAK/sema domain; immunoglobulin domain (Ig); short basic domain; secreted; (semaphorin) 3F/sema domain; 3F/sema III/F/sema IV/SEMA4/SEMA-IV/semaphorin III/F/semaphorin IV; Sema3f elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	785
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Sema3f ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.088	0.154	0.232	0.327	0.640	1.357	1.804	3.173

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sema3f elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Sema3f antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Sema3f antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Sema3f amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Sema3f can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	188497703
NCBI GeneID	6405
NCBI Accession #	NP_004177.3
NCBI GenBank Nucleotide #	NM_004186.4
Molecular Weight	85,064 Da
NCBI Official Full Name	semaphorin-3F isoform 1
NCBI Official Synonym Full Names	semaphorin 3F
NCBI Official Symbol	SEMA3F
NCBI Official Synonym Symbols	SEMA4; SEMAK; SEMA-IV
NCBI Protein Information	semaphorin-3F
UniProt Protein Name	Semaphorin-3F
UniProt Gene Name	SEMA3F
UniProt Synonym Gene Names	Sema IV
UniProt Entry Name	SEM3F_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/sema3f-mouse-elisa-kits/semaphorin-3f/100630>