

Mouse sema domain, immunoglobulin domain (Ig) , short basic domain, secreted, (semaphorin) 3F ELISA Kit | SEMA3F elisa kit

Mouse Semaphorin-3F, SEMA3F ELISA Kit

CATALOG #
AAA112531

REACTIVITY
Mouse

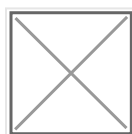
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse SEMA3F. No significant cross-reactivity or interference between mouse SEMA3F and analogues was observed.
Sequence Length	754
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA3F elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SEMA3F has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SEMA3F present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SEMA3F is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SEMA3F bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543683
NCBI GeneID	20350
NCBI Accession #	NP_035479.2
NCBI GenBank Nucleotide #	NM_011349.3
UniProt Accession #	O88632; O88633; E9QNC5
Molecular Weight	88,549 Da
NCBI Official Full Name	semaphorin-3F isoform 2
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F
NCBI Official Symbol	Sema3f
NCBI Official Synonym Symbols	Sema4; Semak
NCBI Protein Information	semaphorin-3F
UniProt Protein Name	Semaphorin-3F
UniProt Gene Name	Sema3f
UniProt Synonym Gene Names	Sema IV
UniProt Entry Name	SEM3F_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/sema3f-mouse-elisa-kits/sema-domain-immunoglobulin-domain-ig-short-basic-domain-secreted-semaphorin-3f/112531>