

Human Semaphorin-3F ELISA Kit | SEMA3F elisa kit

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CATALOG #
AAA310188

REACTIVITY
Human

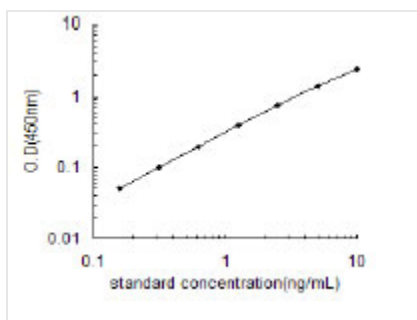
PRODUCT SYNONYMS

Semaphorin-3F; Human Semaphorin-3F ELISA Kit; Sema III/F; Semaphorin IV; Sema IV; SEMA3F; SEMA3F elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Semaphorin-3F. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.15 ng/mL -10.0 ng/mL
Sensitivity	0.042 ng/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA3F elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Semaphorin-3F concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Semaphorin-3F. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Semaphorin-3F and 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 Semaphorin-3F, 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 $\pm$ 2 nm. The concentration of Semaphorin-3F in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

974005318

NCBI GeneID	6405
NCBI Accession #	NP_001305729.1
NCBI GenBank Nucleotide #	NM_001318800.1
UniProt Accession #	Q13275; Q13274; Q13372; Q15704; Q6GTR4; C9JQ85
Molecular Weight	85,064 Da
NCBI Official Full Name	semaphorin-3F isoform 2
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

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-human-elisa-kits/semaphorin-3f/310188>