

Human Semaphorin-3F ELISA Kit | SEMA3F elisa kit

Human Semaphorin-3F ELISA Kit

CATALOG #
AAA190491

REACTIVITY
Human

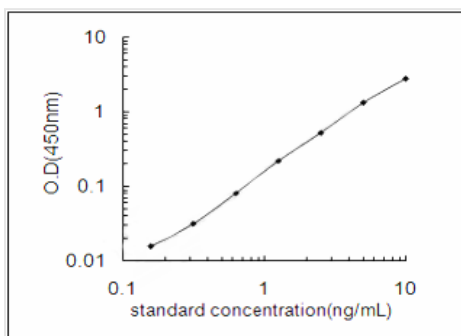
PRODUCT SYNONYMS

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.
Sequence Length	785
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.042 ng/mL
Intra-Assay CV	<=5.3%
Inter-Assay CV	<=8.3%
Recovery	102%
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 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 +/- 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 #	188497703
NCBI GeneID	6405
NCBI Accession #	NP_004177.3
NCBI GenBank Nucleotide #	NM_004186.4
UniProt Accession #	Q13275; Q13274; Q13372; Q15704; Q6GTR4; C9JQ85
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sema3f-human-elisa-kits/semaphorin-3f/190491>