

Human Semaphorin-3G ELISA Kit | SEMA3G elisa kit

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CATALOG #
AAA191329

REACTIVITY
Human

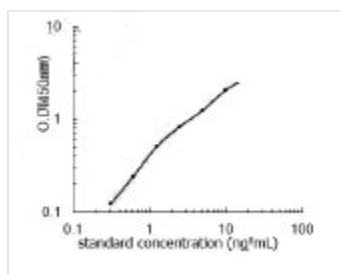
PRODUCT SYNONYMS

Semaphorin-3G; Human Semaphorin-3G ELISA Kit; Semaphorin sem2; SEMA3G; SEMA3G elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural human Semaphorin-3G
Sequence Length	782
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	<0.12ng/mL
Intra-assay Precision	Intra-Assay CV : <= 6.8%
Inter-assay Precision	Inter-Assay CV : <= 11.2%
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 SEMA3G elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910362
NCBI GeneID	56920
NCBI Accession #	NP_064548.1
NCBI GenBank Nucleotide #	NM_020163.1
UniProt Accession #	Q9NS98; Q7L9D9; Q9H7Q3
Molecular Weight	86,701 Da
NCBI Official Full Name	semaphorin-3G
NCBI Official Synonym Full Names	semaphorin 3G
NCBI Official Symbol	SEMA3G
NCBI Official Synonym Symbols	sem2
NCBI Protein Information	semaphorin-3G
UniProt Protein Name	Semaphorin-3G
UniProt Gene Name	SEMA3G
UniProt Entry Name	SEM3G_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/sema3g-human-elisa-kits/semaphorin-3g/191329>