

Human SEMA4C ELISA Kit | SEMA4C elisa kit

Human SEMA4C (Semaphorin 4C) ELISA Kit

CATALOG #
AAA164053

REACTIVITY
Human

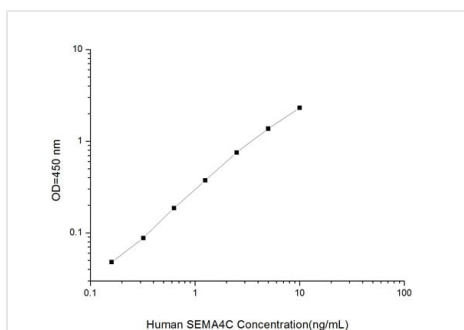
PRODUCT SYNONYMS

SEMA4C; Human SEMA4C (Semaphorin 4C) ELISA Kit; SEMA4C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human SEMA4C in samples. No significant cross-reactivity or interference between Human SEMA4C and analogues was observed.
Sequence Length	833
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human SEMA4C were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human SEMA4C were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA4C elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human SEMA4C concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human SEMA4C. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human SEMA4C and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human SEMA4C, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human SEMA4C. You can calculate the concentration of Human SEMA4C in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157388902
NCBI GeneID	54910
NCBI Accession #	NP_060259.4
NCBI GenBank Nucleotide #	NM_017789.4
UniProt Accession #	Q9C0C4; Q32MJ3; Q7Z5X0
Molecular Weight	92,623 Da
NCBI Official Full Name	semaphorin-4C
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4C
NCBI Official Symbol	SEMA4C
NCBI Official Synonym Symbols	SEMAF; SEMAI; SEMACL1; M-SEMA-F
NCBI Protein Information	semaphorin-4C; M-Sema F
UniProt Protein Name	Semaphorin-4C
UniProt Gene Name	SEMA4C
UniProt Synonym Gene Names	KIAA1739; SEMAI
UniProt Entry Name	SEM4C_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.