

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

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CATALOG #
AAA41765

REACTIVITY
Human

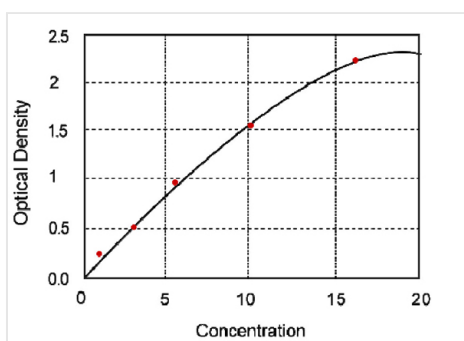
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	833
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	7-1500ng/L
Sensitivity	3.14ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA4C elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human SEMA4C antibody. SEMA4C present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human SEMA4C Antibody is added and binds to SEMA4C in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SEMA4C antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human SEMA4C. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Semaphorin 4C (also known as SEMA4C) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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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	semaphorin 4C
NCBI Official Symbol	SEMA4C
NCBI Official Synonym Symbols	SEMAF; SEMAI; SEMACL1; M-SEMA-F
NCBI Protein Information	semaphorin-4C
UniProt Protein Name	Semaphorin-4C
UniProt Gene Name	SEMA4C
UniProt Synonym Gene Names	KIAA1739; SEMAI

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.