

Human Semaphorin 6B (SEMA6B) ELISA Kit | SEMA6B elisa kit

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CATALOG #
AAA42407

REACTIVITY
Human

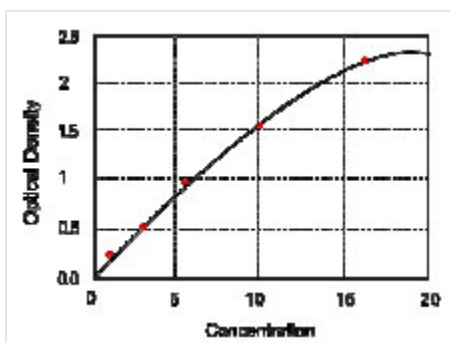
PRODUCT SYNONYMS

Semaphorin 6B (SEMA6B); Human Semaphorin 6B (SEMA6B) ELISA Kit; SEMA6B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	888
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.039ng/ml
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 SEMA6B elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Semaphorin 6B (also known as SEMA6B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human SEMA6B antibody. SEMA6B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SEMA6B Antibody is added and binds to SEMA6B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SEMA6B 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 SEMA6B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19718780
NCBI GeneID	10501
NCBI Accession #	NP_115484.2
NCBI GenBank Nucleotide #	NM_032108.3
UniProt Accession #	Q9H3T3; Q9NRK9; A5PKU4; F6IB19
Molecular Weight	73,952 Da
NCBI Official Full Name	semaphorin-6B
NCBI Official Synonym Full Names	semaphorin 6B
NCBI Official Symbol	SEMA6B
NCBI Official Synonym Symbols	SEMAN; semaZ; SEMA-VIB; SEM-SEMA-Y
NCBI Protein Information	semaphorin-6B
UniProt Protein Name	Semaphorin-6B
UniProt Gene Name	SEMA6B
UniProt Synonym Gene Names	SEMAN; SEMAZ; Sema Z

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.