

Human Semaphorin 4B (SEMA4B) ELISA Kit | SEMA4B elisa kit

Human Semaphorin 4B (SEMA4B) ELISA Kit

CATALOG #
AAA42305

REACTIVITY
Human

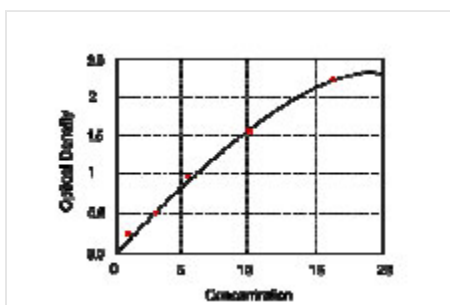
PRODUCT SYNONYMS

Semaphorin 4B (SEMA4B); Human Semaphorin 4B (SEMA4B) ELISA Kit; SEMA4B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	837
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15-3000ng/L
Sensitivity	8.12ng/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 SEMA4B elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Semaphorin 4B (also known as SEMA4B) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human SEMA4B antibody. SEMA4B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human SEMA4B Antibody is added and binds to SEMA4B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SEMA4B 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 SEMA4B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39777610
NCBI GeneID	10509
NCBI Accession #	NP_945119.1
NCBI GenBank Nucleotide #	NM_198925.2
UniProt Accession #	Q9NPR2; Q6UXE3; Q8WVP9; Q96FK5; Q9C0B8; Q9H691; Q9NPM8; Q9NPN0
Molecular Weight	81,403 Da
NCBI Official Full Name	semaphorin-4B isoform 1
NCBI Official Synonym Full Names	semaphorin 4B
NCBI Official Symbol	SEMA4B
NCBI Official Synonym Symbols	SemC; SEMAC
NCBI Protein Information	semaphorin-4B
UniProt Protein Name	Semaphorin-4B
UniProt Gene Name	SEMA4B
UniProt Synonym Gene Names	KIAA1745; SEMAC

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/human-elisa-kits/semaphorin-4b-sema4b/42305>