

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

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CATALOG #
AAA218364

REACTIVITY
Human

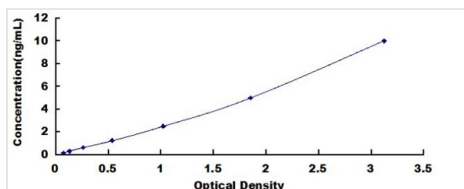
PRODUCT SYNONYMS

Semaphorin 4B (SEMA4B); Human Semaphorin 4B (SEMA4B) ELISA Kit; SEMAC; SEMC; Sema Domain; Transmembrane Domain And Cytoplasmic Domain Protein 4B; SEMA4B rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	837
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.071ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA4B rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SEMA4B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SEMA4B. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SEMA4B, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of SEMA4B in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	39777608
NCBI GeneID	10509
NCBI Accession #	NP_064595.2
NCBI GenBank Nucleotide #	NM_020210.3
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.

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Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/semaphorin-4b-sema4b/218364>