

Human Semaphorin 4D (SEMA4D) RTU ELISA Kit | SEMA4D rtu elisa kit

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CATALOG #
AAA218365

REACTIVITY
Human

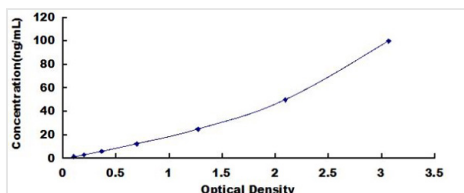
PRODUCT SYNONYMS

Semaphorin 4D (SEMA4D); Human Semaphorin 4D (SEMA4D) ELISA Kit; CD100; A8; BB18; GR3; M-Sema G; M-Sema-G; SEMAJ; Coll-4; Sema Domain; Immunoglobulin Domain(Ig); Transmembrane Domain(TM)and Short Cytoplasmic Domain 4D; SEMA4D rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	738
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.64ng/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 SEMA4D rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SEMA4D. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SEMA4D. 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 SEMA4D, 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 SEMA4D in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	214010220
NCBI GeneID	10507
NCBI Accession #	NP_001135759.1
NCBI GenBank Nucleotide #	NM_001142287.1
UniProt Accession #	Q92854; Q7Z5S4; Q8N8B0; B2RPM6
Molecular Weight	82,164 Da
NCBI Official Full Name	semaphorin-4D isoform 2
NCBI Official Synonym Full Names	semaphorin 4D
NCBI Official Symbol	SEMA4D
NCBI Official Synonym Symbols	CD100; COLL4; SEMAJ; coll-4; C9orf164; M-sema-G
NCBI Protein Information	semaphorin-4D
UniProt Protein Name	Semaphorin-4D
UniProt Gene Name	SEMA4D
UniProt Synonym Gene Names	C9orf164; CD100; SEMAJ

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-rtu-elisa-kits/semaphorin-4d-sema4d/218365>