

Human sema domain, immunoglobulin domain (Ig) , transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A ELISA Kit | SEMA4A elisa kit

Human Semaphorin-4A, SEMA4A ELISA Kit

CATALOG #
AAA18334

REACTIVITY
Human

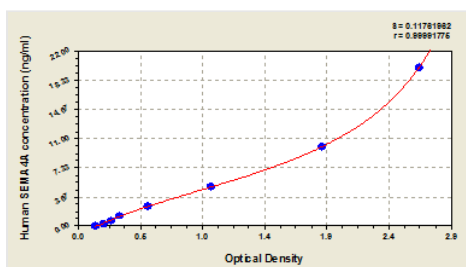
PRODUCT SYNONYMS

sema domain; immunoglobulin domain (Ig); transmembrane domain (TM) and short cytoplasmic domain; (semaphorin) 4A; Human Semaphorin-4A; SEMA4A ELISA Kit; Human Semaphorin-4A (SEMA4A) ELISA kit; RP11-54H19.2; CORD10; FLJ12287; RP35; SEMAB; SEMB; OTTHUMP00000015917; OTTHUMP00000015918; 4A; semaphori; SEMA4A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SEMA4A. No significant cross-reactivity or interference between human SEMA4A and analogues was observed.
Sequence Length	761
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 ng/ml -20 ng/mL
Sensitivity	<0.078 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA4A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SEMA4A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SEMA4A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SEMA4A is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SEMA4A bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300863072
NCBI GeneID	64218
NCBI Accession #	NP_001180229.1
NCBI GenBank Nucleotide #	NM_001193300.1
UniProt Accession #	Q9H3S1; Q5TCI5; Q5TCJ6; Q8WUA9; B2RDH8; B3KR76
Molecular Weight	83,574 Da
NCBI Official Full Name	semaphorin-4A isoform 1
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A
NCBI Official Symbol	SEMA4A
NCBI Official Synonym Symbols	RP35; SEMB; SEMAB; CORD10
NCBI Protein Information	semaphorin-4A; sema B; semaphorin-B
UniProt Protein Name	Semaphorin-4A
UniProt Gene Name	SEMA4A
UniProt Synonym Gene Names	SEMAB; SEMB; UNQ783/PRO1317; Sema B
UniProt Entry Name	SEM4A_HUMAN

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/sema4a-human-elisa-kits/sema-domain-immunoglobulin-domain-ig-transmembrane-domain-tm-and-short-cytoplasmic-domain-semaphorin-4a/18334>