

Human Semaphorin 5A (SEMA5A) ELISA Kit | SEMA5A elisa kit

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CATALOG #
AAA42089

REACTIVITY
Human

PRODUCT SYNONYMS

Semaphorin 5A (SEMA5A); Human Semaphorin 5A (SEMA5A) ELISA Kit; SEMA5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1074
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.02ng/ml
Intra-Assay	CV<8%
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 SEMA5A elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Semaphorin 5A (also known as SEMA5A) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human SEMA5A antibody. SEMA5A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SEMA5A Antibody is added and binds to SEMA5A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SEMA5A 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 SEMA5A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147904700
NCBI GeneID	9037
NCBI Accession #	NP_003957.2
NCBI GenBank Nucleotide #	NM_003966.2
UniProt Accession #	Q13591; O60408; Q1RLL9; D3DTC6
Molecular Weight	120,615 Da
NCBI Official Full Name	semaphorin-5A
NCBI Official Synonym Full Names	semaphorin 5A
NCBI Official Symbol	SEMA5A
NCBI Official Synonym Symbols	semF; SEMAF
NCBI Protein Information	semaphorin-5A
UniProt Protein Name	Semaphorin-5A
UniProt Gene Name	SEMA5A
UniProt Synonym Gene Names	SEMAF; Sema F

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-elisa-kits/semaphorin-5a-sema5a/42089>