

Human Semaphorin 3A ELISA Kit | SEMA3A elisa kit

Human Semaphorin 3A (Sema 3A) ELISA Kit

CATALOG # AAA55925	REACTIVITY Human
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PRODUCT SYNONYMS

Semaphorin 3A; Human Semaphorin 3A (Sema 3A) ELISA Kit; Sema 3A; Hsema-I; Hsema-III; MGC133243; SEMA1; SEMAD; SEMAIII; SEMAL; SemD; coll-1; OTTHUMP00000208884|collapsin 1|semaphorin 3A|semaphorin D|semaphorin III|semaphorin L|semaphorin-like; SEMA3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SEMA3A. No significant cross-reactivity or interference between Human SEMA3A and analogues was observed.
Sequence Length	771
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL - 2000 pg/mL
Sensitivity	15.6 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for SEMA3A elisa kit	Intended Uses: For the quantitative detection of Human Semaphorin 3A (SEMA3A) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate SEMA3A in Human serum, plasma. An antibody specific for SEMA3A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SEMA3A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SEMA3A is added to the wells. After washing, Streptavidin 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 SEMA3A 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 #	5174673
NCBI GeneID	10371
NCBI Accession #	NP_006071.1
NCBI GenBank Nucleotide #	NM_006080.2

UniProt Accession #	Q14563
Molecular Weight	88,889 Da
NCBI Official Full Name	semaphorin-3A
NCBI Official Synonym Full Names	semaphorin 3A
NCBI Official Symbol	SEMA3A
NCBI Official Synonym Symbols	HH16; SemD; COLL1; SEMA1; SEMAD; SEMAL; coll-1; Hsema-I; SEMAIII; Hsema-III
NCBI Protein Information	semaphorin-3A
UniProt Protein Name	Semaphorin-3A
UniProt Gene Name	SEMA3A
UniProt Synonym Gene Names	SEMAD; Sema III

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://www.aaabiotech.com/sema3a-human-elisa-kits/semaphorin-3a/55925>