

Human sema domain, immunoglobulin domain (Ig) , short basic domain, secreted, (semaphorin) 3A ELISA Kit | SEMA3A elisa kit

Human Semaphorin 3A, Sema 3A ELISA Kit

CATALOG #

AAA15779

REACTIVITY

Human

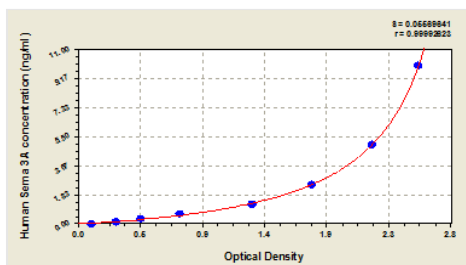
PRODUCT SYNONYMS

sema domain; immunoglobulin domain (Ig); short basic domain; secreted; (semaphorin) 3A; Human Semaphorin 3A; Sema 3A ELISA Kit; Human Semaphorin 3A (Sema 3A) ELISA Kit; 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 Sema 3A. No significant cross-reactivity or interference between human Sema 3A and analogues was observed.
Sequence Length	771
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml -10 ng/ml
Sensitivity	<0.039 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 SEMA3A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Sema 3A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Sema 3A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Sema 3A 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 Sema 3A 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	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (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; collapsin 1; semaphorin D; semaphorin L; semaphorin III
UniProt Protein Name	Semaphorin-3A
UniProt Gene Name	SEMA3A
UniProt Synonym Gene Names	SEMAD; Sema III
UniProt Entry Name	SEM3A_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/sema3a-human-elisa-kits/sema-domain-immunoglobulin-domain-ig-short-basic-domain-secreted-semaphorin-3a/15779>