

Human Semaphorin 3A (SEMA3A) ELISA Kit | SEMA3A elisa kit

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CATALOG #
AAA11114

REACTIVITY
Human

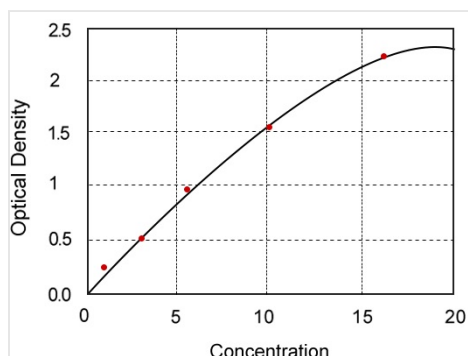
PRODUCT SYNONYMS

Semaphorin 3A (SEMA3A); Human Semaphorin 3A (SEMA3A) ELISA Kit; SEMA3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	771
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 90ng/ml
Sensitivity	0.14ng/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 SEMA3A elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Semaphorin 3A (also known as Sema3A) 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 Sema3A antibody. Sema3A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Sema3A Antibody is added and binds to Sema3A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Sema3A 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 Sema3A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

References	Serum Sema3A Is in a Weak Positive Association With Bone Formation Marker Osteocalcin But Not Related to Bone Mineral Densities in Postmenopausal Women . Dong-mei Liu, Nan Lu, Lin Zhao, Min-jia Zhang, Bei Tao, Yan Xuan, Li-hao Sun, Hong-yan Zhao, Wei-qing Wang, Jian-min Liu, and Guang Ning (2014)
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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://stage.aaabiotech.com/human-elisa-kits/semaphorin-3a-sema3a/11114>