

Human Semaphorin 3E (SEMA3E) ELISA Kit | SEMA3E elisa kit

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CATALOG #
AAA42457

REACTIVITY
Human

PRODUCT SYNONYMS

Semaphorin 3E (SEMA3E); Human Semaphorin 3E (SEMA3E) ELISA Kit; SEMA3E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	715
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 2000ng/L
Sensitivity	5.52ng/L
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 SEMA3E elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Semaphorin 3E (also known as Sema3E) 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 Sema3E antibody. Sema3E present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Sema3E Antibody is added and binds to Sema3E in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Sema3E 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 Sema3E. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296011008
NCBI GeneID	9723
NCBI Accession #	NP_001171600.1
NCBI GenBank Nucleotide #	NM_001178129.1
UniProt Accession #	O15041; Q75M94; Q75M97; B4E1P1
Molecular Weight	82,424 Da
NCBI Official Full Name	semaphorin-3E isoform 2
NCBI Official Synonym Full Names	semaphorin 3E
NCBI Official Symbol	SEMA3E
NCBI Official Synonym Symbols	SEMAH; coll-5; M-SEMAH; M-SemaK
NCBI Protein Information	semaphorin-3E
UniProt Protein Name	Semaphorin-3E
UniProt Gene Name	SEMA3E
UniProt Synonym Gene Names	KIAA0331; SEMAH

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-3e-sema3e/42457>