

Mouse Semaphorin 3E (SEMA3E) RTU ELISA Kit | SEMA3E rtu elisa kit

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CATALOG #
AAA218361

REACTIVITY
Mouse

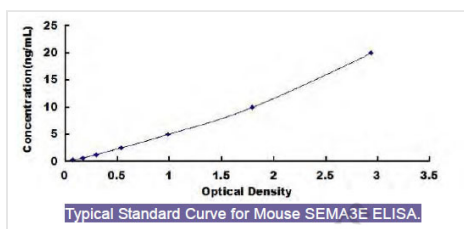
PRODUCT SYNONYMS

Semaphorin 3E (SEMA3E); Mouse Semaphorin 3E (SEMA3E) ELISA Kit; SEMAH; M-SemaK; M-sema H; coll-5; Sema Domain; Immunoglobulin Domain(Ig); Transmembrane Domain(TM)and Short Cytoplasmic Domain 3E; SEMA3E rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SAT1. No significant cross-reactivity or interference between SAT1 and analogues was observed.
Sequence Length	775
Samples	Mouse Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.117ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SAT1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SAT1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SEMA3E rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SAT1 in mouse tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SAT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SAT1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SAT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SAT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113199777
NCBI GeneID	20349
NCBI Accession #	NP_035478.2
NCBI GenBank Nucleotide #	NM_011348.2
UniProt Accession #	P70275; O09078; O09079; Q9QX23
Molecular Weight	89,543 Da
NCBI Official Full Name	semaphorin-3E
NCBI Official Synonym Full Names	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3E
NCBI Official Symbol	Sema3e
NCBI Official Synonym Symbols	Semah; AA408817; mKIAA0331; 6430702L12
NCBI Protein Information	semaphorin-3E
UniProt Protein Name	Semaphorin-3E
UniProt Gene Name	Sema3e
UniProt Synonym Gene Names	Semah; Semh; Sema H

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-rtu-elisa-kits/semaphorin-3e-sema3e/218361>