

Rat Semaphorin 3A (SEMA3A) RTU ELISA Kit | SEMA3A rtu elisa kit

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CATALOG #
AAA218357

REACTIVITY
Rat

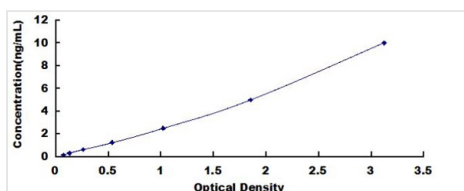
PRODUCT SYNONYMS

Semaphorin 3A (SEMA3A); Rat Semaphorin 3A (SEMA3A) ELISA Kit; SEMAL; Hsema-I; Hsema-III; SEMA1; SEMAD; SEMAIII; SemD; Coll-1; Sema Domain; Immunoglobulin Domain(Ig); Transmembrane Domain(TM)and Short Cytoplasmic Domain 3A; SEMA3A rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	772
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
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 SEMA3A rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SEMA3A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SEMA3A. 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 SEMA3A, 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 $\pm$ 10nm. The concentration of SEMA3A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8394255
NCBI GeneID	29751
NCBI Accession #	NP_059006.1
NCBI GenBank Nucleotide #	NM_017310.1
UniProt Accession #	Q63548
Molecular Weight	88,808 Da
NCBI Official Full Name	semaphorin-3A
NCBI Official Synonym Full Names	semaphorin 3A
NCBI Official Symbol	Sema3a
NCBI Protein Information	semaphorin-3A
UniProt Protein Name	Semaphorin-3A
UniProt Gene Name	Sema3a
UniProt Synonym Gene Names	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/rat-rtu-elisa-kits/semaphorin-3a-sema3a/218357>