

## Mouse Semaphorin-3E ELISA Kit | Sema3e elisa kit

Mouse Semaphorin-3E ELISA Kit

CATALOG #  
**AAA57542**

REACTIVITY  
**Mouse**

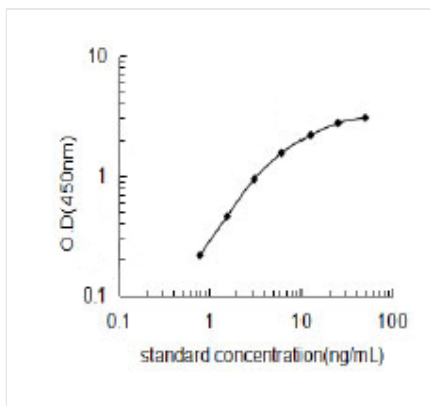
### PRODUCT SYNONYMS

Semaphorin-3E; Mouse Semaphorin-3E ELISA Kit; Semaphorin-H; Sema H; Sema3e; Semah; Semh; Sema3e elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                 |
| Specificity             | Recombinant and natural Mouse Semaphorin-3E                                           |
| Sequence Length         | 775                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.78-50 ng/mL                                                                         |
| Sensitivity             | < 0.4 ng/mL                                                                           |
| Intra-assay Precision   | <=5.7%                                                                                |
| Inter-assay Precision   | <=8.2%                                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Sema3e elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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                                                                    |
| UniProt Entry Name               | SEM3E_MOUSE                                                                            |

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/sema3e-mouse-elisa-kits/semaphorin-3e/57542>