

# Product Datasheet

## Mouse Semaphorin 4D/CD100 ELISA Kit (Colorimetric) NBP2-75126

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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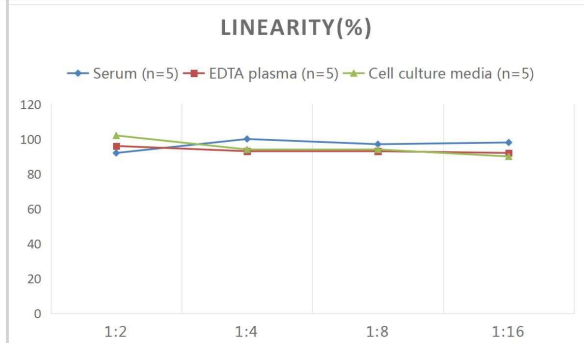
**NBP2-75126****Mouse Semaphorin 4D/CD100 ELISA Kit (Colorimetric)**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 1 Kit                                                                                                                                                                                                                                                                                                            |
| <b>Concentration</b>               | Concentration is not relevant for this product. Please see the protocols for proper use of this product.                                                                                                                                                                                                         |
| <b>Storage</b>                     | Storage of components varies. See protocol for specific instructions.                                                                                                                                                                                                                                            |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                  |
| <b>Gene ID</b>                     | 10507                                                                                                                                                                                                                                                                                                            |
| <b>Gene Symbol</b>                 | SEMA4D                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>                     | Mouse                                                                                                                                                                                                                                                                                                            |
| <b>Specificity/Sensitivity</b>     | This kit recognizes Mouse CD100 in samples. No significant cross-reactivity or interference between Mouse CD100 and analogues was observed.                                                                                                                                                                      |
| <b>Kit Components</b>              | Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual |
| <b>Standard Curve Range</b>        | 0.31 - 20 ng/mL                                                                                                                                                                                                                                                                                                  |
| <b>Sensitivity</b>                 | 0.19 ng/mL                                                                                                                                                                                                                                                                                                       |
| <b>Inter Assay</b>                 | %CV < 5                                                                                                                                                                                                                                                                                                          |
| <b>Intra Assay</b>                 | %CV < 5.53                                                                                                                                                                                                                                                                                                       |
| <b>Assay Type</b>                  | Sandwich-ELISA                                                                                                                                                                                                                                                                                                   |
| <b>Spiking Recovery</b>            | 86 - 101%                                                                                                                                                                                                                                                                                                        |
| <b>Suitable Sample Type</b>        | Serum, plasma and other biological fluids                                                                                                                                                                                                                                                                        |
| <b>Sample Volume</b>               | 100 uL                                                                                                                                                                                                                                                                                                           |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>                | ELISA                                                                                                                                                                                                                                                                                                            |
| <b>Recommended Dilutions</b>       | ELISA                                                                                                                                                                                                                                                                                                            |

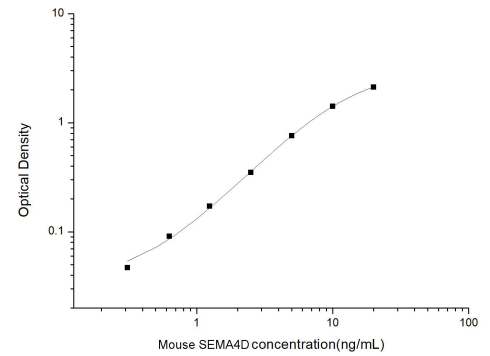


## Images

ELISA: Mouse Semaphorin 4D/CD100 ELISA Kit (Colorimetric) [NBP2-75126] - Samples were spiked with high concentrations of Mouse Semaphorin 4D/CD100 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Semaphorin 4D/CD100 ELISA Kit (Colorimetric) [NBP2-75126] - Standard Curve Reference





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### **Products Related to NBP2-75126**

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|               |                                                 |
|---------------|-------------------------------------------------|
| NBP1-86704PEP | Semaphorin 4D/CD100 Recombinant Protein Antigen |
| NB300-109     | Tyrosine Hydroxylase Antibody                   |
| AF5235        | Semaphorin 4D/CD100 Antibody [Unconjugated]     |
| NBP2-13075    | beta Amyloid Antibody (MOAB-2) - BSA Free       |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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