

Datasheet for ABIN6951547
SEMA4D/CD100 ELISA Kit



[Go to Product page](#)

Overview

Quantity: 96 tests

Target: SEMA4D/CD100 (SEMA4D)

Reactivity: Rat

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Rat Semaphorin 4D ELISA Kit.

Sample Type: Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate

Analytical Method: Quantitative

Detection Method: Colorimetric

Characteristics:

- Strip plates and additional reagents allow for use in multiple experiments
- Quantitative protein detection
- Establishes normal range
- The best products for confirmation of antibody array data

Components:

- Pre-Coated 96-well Strip Microplate
- Wash Buffer
- Stop Solution
- Assay Diluent(s)
- Lyophilized Standard
- Biotinylated Detection Antibody
- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Product Details

Material not included:	• Distilled or deionized water • Precision pipettes to deliver 2 µl to 1 µl volumes • Adjustable 1-25 µl pipettes for reagent preparation • 100 µl and 1 liter graduated cylinders • Tubes to prepare standard and sample dilutions • Absorbent paper • Microplate reader capable of measuring absorbance at 450nm • Log-log graph paper or computer and software for ELISA data analysis
------------------------	---

Target Details

Target:	SEMA4D/CD100 (SEMA4D)
Alternative Name:	Semaphorin 4D (SEMA4D Products)
UniProt:	D3ZXR4
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Plate:	Pre-coated
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual. 2. Add 100 µl of standard or sample to each well. 3. Incubate 2.5 h at RT or O/N at 4°C. 4. Add 100 µl of prepared biotin antibody to each well. 5. Incubate 1 h at RT. 6. Add 100 µl of prepared Streptavidin solution to each well. 7. Incubate 45 min at RT. 8. Add 100 µl of TMB One-Step Substrate Reagent to each well. 9. Incubate 30 min at RT. 10. Add 50 µl of Stop Solution to each well. 11. Read at 450 nm immediately.
Restrictions:	For Research Use only

Handling

Expiry Date:	6 months
--------------	----------