antibodies - online.com







NrCAM ELISA Kit





Overview

Quantity:	96 tests
Target:	NrCAM (NRCAM)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.3-80 ng/mL
Minimum Detection Limit:	0.3 ng/mL
Application:	ELISA

Product Details	
Purpose:	Human NrCAM ELISA Kit for cell culture supernatants, plasma, and serum samples.
Sample Type:	Cell Culture Supernatant, Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair detects human NrCAM. Other species not determined.
Sensitivity:	0.3 ng/mL
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

Product Details

- · Wash Buffer
- · Stop Solution
- · Assay Diluent(s)
- · Lyophilized Standard
- · Biotinylated Detection Antibody
- · Streptavidin-Conjugated HRP
- · TMB One-Step Substrate

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:	NrCAM (NRCAM)
Alternative Name:	NrCAM (NRCAM Products)
Background:	Gene Names: NRCAM KIAA0343 Protein names: Neuronal cell adhesion molecule (Nr-CAM) (Neuronal surface protein Bravo) (hBravo) (NgCAM-related cell adhesion molecule) (Ng-CAM-related)
Gene ID:	4897
UniProt:	Q92823
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Recommended Dilution for serum and plasma samples2 fold
Sample Volume:	100 μL
Plate:	Pre-coated Pre-coated
Protocol:	 Prepare all reagents, samples and standards as instructed in the manual. Add 100 μL of standard or sample to each well. Incubate 2.5 h at RT or O/N at 4 °C. 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

Storage: -20 °C

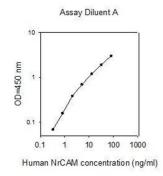
Storage Comment:

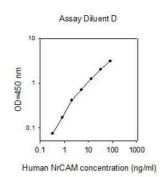
The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is recommended to store at -80°C.

Expiry Date:

6 months

Images





ELISA

Image 1.