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Datasheet for ABIN4883859

Neurocan ELISA Kit



Overview

Quantity:	96 tests
Target:	Neurocan (NCAN)
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.410-100 ng/mL
Minimum Detection Limit:	0.410 ng/mL
Application:	ELISA

Product Datails

Product Details	
Purpose:	Human Neurocan ELISA Kit for Serum, Plasma, and Cell Culture Supernatants.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This ELISA antibody pair recognizes Human Neurocan.
Sensitivity:	0.41 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 μ L to 1 μ L 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:	Neurocan (NCAN)
Alternative Name:	Neurocan (NCAN Products)
Gene ID:	1463
UniProt:	014594
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Recommended Dilution for serum and plasma samples2 fold
Sample Volume:	100 μL
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 μ L 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.

Application Details

	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