

ARG82766 Mouse Neurocan ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82766-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82766-002	Standard	2 X 10 ng/vial	4°C
ARG82766-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82766-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82766-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82766-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82766-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82766-008	25X Wash buffer	20 ml	4°C
ARG82766-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82766-010	STOP solution	10 ml (Ready to use)	4°C
ARG82766-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82766 Mouse Neurocan ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse Neurocan in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	Neurocan
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	16 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	31.2 - 2000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.5% Inter-Assay CV: 5.5%

Alternate Names CSPG3; Chondroitin sulfate proteoglycan 3; Neurocan core protein

Application Instructions

Assay Time ~ 5 hours

Properties

Form 96 well

Storage instruction Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol NCAN

Gene Full Name neurocan

Background Neurocan is a chondroitin sulfate proteoglycan thought to be involved in the modulation of cell adhesion and migration.[supplied by OMIM, Jul 2002]

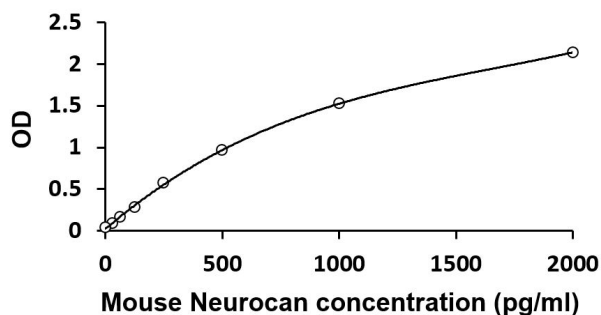
Function May modulate neuronal adhesion and neurite growth during development by binding to neural cell adhesion molecules (NG-CAM and N-CAM). Chondroitin sulfate proteoglycan; binds to hyaluronic acid. [UniProt]

Highlight Related products:
[Neurocan antibodies](#); [Neurocan ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

PTM O-glycosylated. [UniProt]

Cellular Localization Secreted. [UniProt]

Images



ARG82766 Mouse Neurocan ELISA Kit standard curve image

ARG82766 Mouse Neurocan ELISA Kit results of a typical standard run with optical density reading at 450 nm.