

## 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%<br>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]

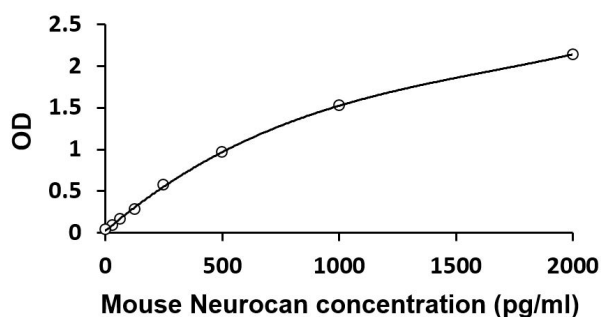
Function May modulate neuronal adhesion and neurite growth during development by binding to neural cell adhesion molecules (NG-CAM and N-CAM). Chondroitin sulfate proteoglycan; binds to hyaluronic acid. [UniProt]

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.