

## ARG81854 Mouse CD56 / NCAM ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG81854-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81854-002	Standard	2 X 40 ng/vial	4°C
ARG81854-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81854-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81854-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81854-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81854-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81854-008	25X Wash buffer	20 ml	4°C
ARG81854-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81854-010	STOP solution	10 ml (Ready to use)	4°C
ARG81854-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG81854 Mouse CD56 / NCAM ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD56 / NCAM in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	CD56 / NCAM
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	312.5 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	625 - 40000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.8%; Inter-Assay CV: 8.4%
Alternate Names	CD56; NCAM; CD antigen CD56; N-CAM-1; MSK39; NCAM-1; Neural cell adhesion molecule 1

## Application Instructions

Assay Time	~ 5 hours
------------	-----------

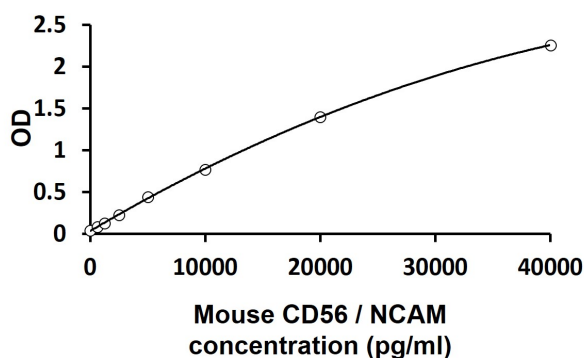
## Properties

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	NCAM1
Gene Full Name	neural cell adhesion molecule 1
Background	This gene encodes a cell adhesion protein which is a member of the immunoglobulin superfamily. The encoded protein is involved in cell-to-cell interactions as well as cell-matrix interactions during development and differentiation. The encoded protein has been shown to be involved in development of the nervous system, and for cells involved in the expansion of T cells and dendritic cells which play an important role in immune surveillance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2011]
Function	This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc. [UniProt]
Highlight	<p>Related products:  <a href="#">CD56 antibodies</a>; <a href="#">CD56 ELISA Kits</a>; <a href="#">CD56 Duos / Panels</a>;</p> <p>Related news:  <a href="#">Tumor-Infiltrating Lymphocytes (TILs)</a></p> <p>New ELISA data calculation tool:  <a href="#">Simplify the ELISA analysis by GainData</a></p>

## Images



ARG81854 Mouse CD56 / NCAM ELISA Kit standard curve image

ARG81854 Mouse CD56 / NCAM ELISA Kit results of a typical standard run with optical density reading at 450 nm.