

ARG82569 Mouse CD99L2 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82569-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82569-002	Standard	2 X 10 ng/vial	4°C
ARG82569-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82569-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82569-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82569-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82569-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82569-008	25X Wash buffer	20 ml	4°C
ARG82569-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82569-010	STOP solution	10 ml (Ready to use)	4°C
ARG82569-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82569 Mouse CD99L2 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD99L2 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	CD99L2
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	156 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	312 - 20000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.3% Inter-Assay CV: 6.6%

Alternate Names

MIC2-like protein 1; MIC2L1; CD99 antigen-like protein 2; CD antigen CD99; CD99B

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 CD99L2

Gene Full Name CD99 molecule-like 2

Background This gene encodes a cell-surface protein that is similar to CD99. A similar protein in mouse functions as an adhesion molecule during leukocyte extravasation. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

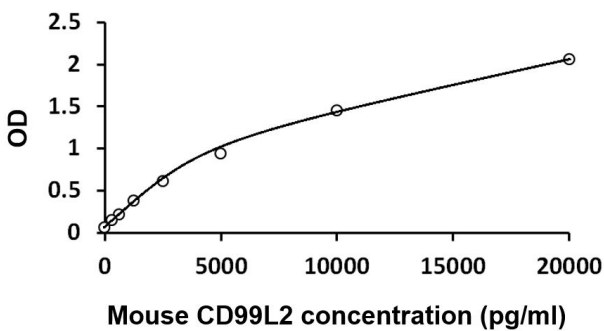
Function Plays a role in a late step of leukocyte extravasation helping cells to overcome the endothelial basement membrane. Acts at the same site as, but independently of, PECAM1 (By similarity). Homophilic adhesion molecule, but these interactions may not be required for cell aggregation (By similarity). [UniProt]

Highlight Related products: [CD99L2 ELISA Kits](#); New ELISA data calculation tool: [Simplify the ELISA analysis by GainData](#)

PTM O-glycosylated. [UniProt]

Cellular Localization Cell membrane; Single-pass type I membrane protein; Extracellular side. Cell junction. [UniProt]

Images



ARG82569 Mouse CD99L2 ELISA Kit standard curve image

ARG82569 Mouse CD99L2 ELISA Kit results of a typical standard run with optical density reading at 450 nm.