

ARG82743 Mouse CD69 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

| Cat. No. | Component Name | Package | Temp |
|--------------|---------------------------------------|----------------------|---|
| ARG82743-001 | Antibody-coated microplate | 8 X 12 strips | 4°C. Unused strips should be sealed tightly in the air-tight pouch. |
| ARG82743-002 | Standard | 2 X 10 ng/vial | 4°C |
| ARG82743-003 | Standard/Sample diluent | 30 ml (Ready to use) | 4°C |
| ARG82743-004 | Antibody conjugate concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG82743-005 | Antibody diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG82743-006 | HRP-Streptavidin concentrate (100X) | 1 vial (100 µl) | 4°C |
| ARG82743-007 | HRP-Streptavidin diluent buffer | 12 ml (Ready to use) | 4°C |
| ARG82743-008 | 25X Wash buffer | 20 ml | 4°C |
| ARG82743-009 | TMB substrate | 10 ml (Ready to use) | 4°C (Protect from light) |
| ARG82743-010 | STOP solution | 10 ml (Ready to use) | 4°C |
| ARG82743-011 | Plate sealer | 4 strips | Room temperature |

Summary

| | |
|---------------------|--|
| Product Description | ARG82743 Mouse CD69 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD69 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants. |
| Tested Reactivity | Ms |
| Tested Application | ELISA |
| Target Name | CD69 |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm. |
| Sensitivity | 10 pg/ml |
| Sample Type | Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants. |
| Standard Range | 15.6 - 1000 pg/ml |
| Sample Volume | 100 µl |
| Precision | Intra-Assay CV: 4.9% Inter-Assay CV: 6.6% |

Alternate Names GP32/28; Activation inducer molecule; MLR-3; BL-AC/P26; Leukocyte surface antigen Leu-23; AIM; Early activation antigen CD69; Early T-cell activation antigen p60; EA1; CD antigen CD69; CLEC2C; C-type lectin domain family 2 member C

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 CD69

Gene Full Name CD69 molecule

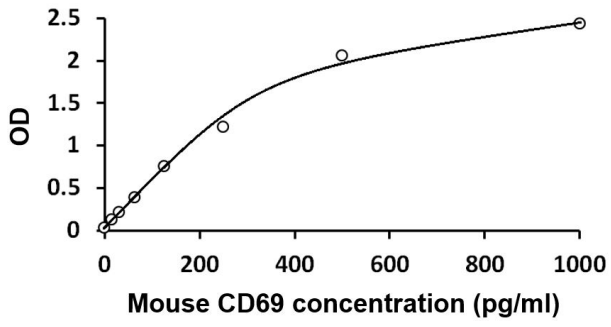
Background This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets. [provided by RefSeq, Aug 2011]

Function Involved in lymphocyte proliferation and functions as a signal transmitting receptor in lymphocytes, natural killer (NK) cells, and platelets. [UniProt]

Highlight Related products:
[CD69 antibodies](#); [CD69 ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

PTM Constitutive Ser/Thr phosphorylation in both mature thymocytes and activated T-lymphocytes. [UniProt]

Cellular Localization Membrane; Single-pass type II membrane protein. [UniProt]



ARG82743 Mouse CD69 ELISA Kit standard curve image

ARG82743 Mouse CD69 ELISA Kit results of a typical standard run with optical density reading at 450 nm.