

## ARG82470 Mouse CD229 ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG82470-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82470-002	Standard	2 X 10 ng/vial	4°C
ARG82470-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82470-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82470-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82470-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82470-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82470-008	25X Wash buffer	20 ml	4°C
ARG82470-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82470-010	STOP solution	10 ml (Ready to use)	4°C
ARG82470-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG82470 Mouse CD229 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD229 in serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	CD229
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	50 pg/ml
Sample Type	Serum, plasma (EDTA, heparin, citrate) and cell culture supernatants.
Standard Range	93.7 - 6000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 4.3% Inter-Assay CV: 6.4%

**Alternate Names** Signaling lymphocytic activation molecule 3; T-lymphocyte surface antigen Ly-9; Cell surface molecule Ly-9; hly9; Lymphocyte antigen 9; mLY9; CD229; SLAMF3; CD antigen CD229; SLAM family member 3

## 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** LY9

**Gene Full Name** lymphocyte antigen 9

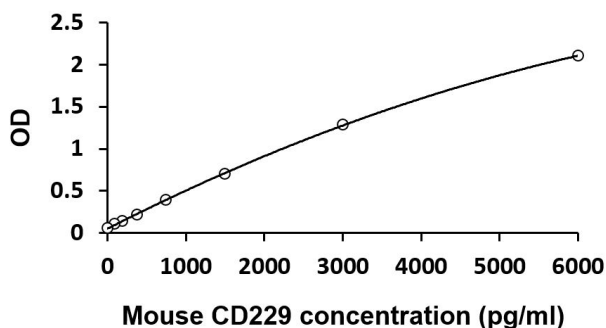
**Background** LY9 belongs to the SLAM family of immunomodulatory receptors (see SLAMF1; MIM 603492) and interacts with the adaptor molecule SAP (SH2D1A; MIM 300490) (Graham et al., 2006 [PubMed 16365421]).[supplied by OMIM, Mar 2008]

**Function** May participate in adhesion reactions between T lymphocytes and accessory cells by homophilic interaction. [UniProt]

**Highlight** Related products:  
[CD229 antibodies](#); [CD229 ELISA Kits](#);  
New ELISA data calculation tool:  
[Simplify the ELISA analysis by GainData](#)

**Cellular Localization** Membrane; Single-pass type I membrane protein. Cell membrane. [UniProt]

## Images



ARG82470 Mouse CD229 ELISA Kit standard curve image

ARG82470 Mouse CD229 ELISA Kit results of a typical standard run with optical density reading at 450 nm.