

ARG82691 Mouse CD153 / CD30 Ligand ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82691-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82691-002	Standard	2 X 10 ng/vial	4°C
ARG82691-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82691-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82691-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82691-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82691-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82691-008	25X Wash buffer	20 ml	4°C
ARG82691-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82691-010	STOP solution	10 ml (Ready to use)	4°C
ARG82691-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82691 Mouse CD153 / CD30 Ligand ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse CD153 / CD30 Ligand in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	CD153 / CD30 Ligand
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	8 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	15.6 - 1000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.9% Inter-Assay CV: 7.9%

Alternate Names Tumor necrosis factor ligand superfamily member 8; CD30L; CD30-L; CD153; CD antigen CD153; CD30LG; CD30 ligand

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 TNFSF8

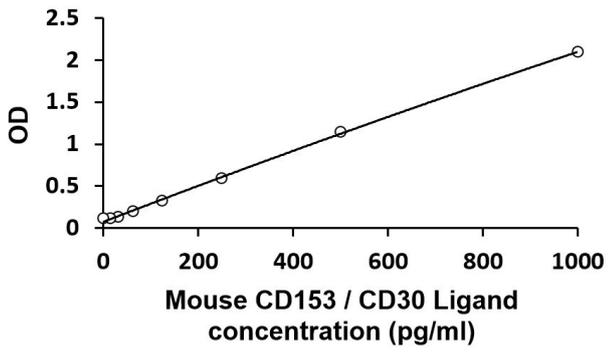
Gene Full Name tumor necrosis factor (ligand) superfamily, member 8

Background The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]

Function Cytokine that binds to TNFRSF8/CD30. Induces proliferation of T-cells. [UniProt]

Highlight Related products:
[CD153 antibodies](#); [CD153 ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

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



ARG82691 Mouse CD153 / CD30 Ligand ELISA Kit standard curve image

ARG82691 Mouse CD153 / CD30 Ligand ELISA Kit results of a typical standard run with optical density reading at 450 nm.