

## 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%<br>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

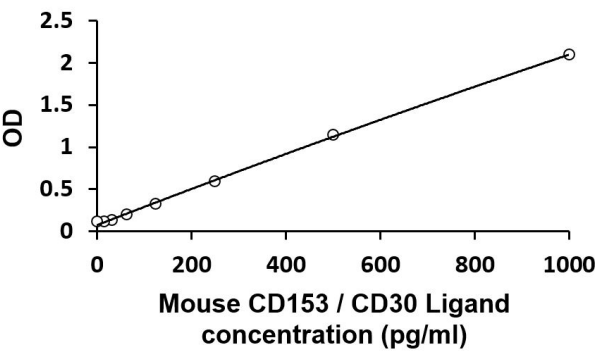
|            |           |
|------------|-----------|
| Assay Time | ~ 5 hours |
|------------|-----------|

## 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:<br><a href="#">CD153 antibodies</a> ; <a href="#">CD153 ELISA Kits</a> ;<br>New ELISA data calculation tool:<br><a href="#">Simplify the ELISA analysis by GainData</a>   |
| 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.