# Human Tumor necrosis factor receptor superfamily member 25 (TNFRSF25) ELISA Kit

Catalog No: #EK6219

Package Size: #EK6219-1 48T #EK6219-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

| | |
|---|---|
| Product Name | Human Tumor necrosis factor receptor superfamily member 25 (TNFRSF25) ELISA Kit |
| Brief Description | ELISA Kit |
| Applications | ELISA |
| Species Reactivity | Human (Homo sapiens) |
| Other Names | RP4-650H14.2; APO-3; DDR3; DR3; LARD; TNFRSF12; TR3; TRAMP; WSL-1; WSL-LR; apoptosis inducing receptor\|apoptosis-mediating receptor\|death domain receptor 3 soluble form\|death receptor beta\|lymphocyt |
| Accession No. | Q93038 |
| Uniprot | Q93038 |
| GeneID | 8718; |
| Storage | The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.<br>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C). |

## Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

## Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate TNFRSF25 in samples. An antibody specific for TNFRSF25 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNFRSF25 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF25 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNFRSF25 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:TNFRSF25has been shown to stimulate NF-kappa B activity and regulate cell apoptosis. The signal transduction of this receptor is mediated by various death domain containing adaptor proteins. Knockout studies in mice suggested the role of this gene in the removal of self-reactive T cells in the thymus. Multiple alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported, most of which are potentially secreted molecules.

The alternative splicing of this gene in B and T cells encounters a programmed change upon T-cell activation, which predominantly produces full-length, membrane bound isoforms, and is thought to be involved in controlling lymphocyte proliferation induced by T-cell activation.

Note: This product is for in vitro research use only