# Mouse Tumor necrosis factor receptor superfamily member 13B (TNFRSF13B) ELISA Kit

Catalog No: #EK6232

Package Size: #EK6232-1 48T #EK6232-2 96T

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

## Description

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|---|---|
| Product Name | Mouse Tumor necrosis factor receptor superfamily member 13B (TNFRSF13B) ELISA Kit |
| Brief Description | ELISA Kit |
| Applications | ELISA |
| Species Reactivity | Mouse (Mus musculus) |
| Other Names | CD267; CVID; FLJ39942; MGC133214; MGC39952; TACI; TNFRSF14B; transmembrane activator and CAML interactor\|tumor necrosis factor receptor 13B |
| Accession No. | Q9ET35 |
| Uniprot | Q9ET35 |
| GeneID | 57916; |
| 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 TNFRSF13B in samples. An antibody specific for TNFRSF13B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNFRSF13B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF13B 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 TNFRSF13B bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:Tumor necrosis factor receptor superfamily member 13B, also known as TNFRSF13B or more commonly as TACI, is a transmembrane receptor protein found predominantly on the surface of B cells, which are an important part of the immune system.TACI is a lymphocyte-specific member of the tumor necrosis factor (TNF) receptor superfamily. It was orignially discovered because of its ability to interact with calcium-modulator and cyclophilin ligand (CAML). TACI was later found to play a crucial role in humoral immunity by interacting with two members of the TNF family: BAFF and APRIL. These proteins signal through TACI inducing activation of several transcription factors including NFAT, AP-1, and NF-kappa-B which then modulate cellular activities. Defects in the function of TACI can lead to immune system diseases.

Note: This product is for in vitro research use only