

Mouse Tumor necrosis factor ligand superfamily member 14 (TNFSF14) ELISA Kit

Catalog No: #EK6202

Orders: order@signalwayantibody.com

Package Size: #EK6202-1 48T #EK6202-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Mouse Tumor necrosis factor ligand superfamily member 14 (TNFSF14) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (<i>Mus musculus</i>)
Other Names	CD258; HVEM; LIGHT; LTg; TR2; delta transmembrane LIGHT herpesvirus entry mediator A ligand for herpesvirus entry mediator tumor necrosis factor ligand superfamily; member 14 tumor necrosis factor
Accession No.	Q9QYH9
Uniprot	Q9QYH9
GeneID	50930;
Storage	<p>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.</p> <p>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).</p>

Application Details

Detect Range:78.12-5000 pg/mL

Sensitivity:34 pg/mL

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:Sandwich Test principle: This assay employs a two-site sandwich ELISA to quantitate TNFSF14 in samples. An antibody specific for TNFSF14 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFSF14 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFSF14 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 TNFSF14 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Product Overview:Tumor necrosis factor ligand superfamily member 14 is a protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported.

Note: This product is for in vitro research use only