

Mouse Tumor necrosis factor receptor superfamily member 9 (TNFRSF9) ELISA Kit



Catalog No: #EK6212

Orders: order@signalwayantibody.com

Package Size: #EK6212-1 48T #EK6212-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Mouse Tumor necrosis factor receptor superfamily member 9 (TNFRSF9) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	4-1BB; CD137; CDw137; ILA; MGC2172; 4-1BB ligand receptor CD137 antigen T cell antigen ILA homolog of mouse 4-1BB induced by lymphocyte activation (ILA) interleukin-activated receptor; homolog of mo
Accession No.	P20334
Uniprot	P20334
GeneID	21942;
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:7.8-500 pg/mL

Sensitivity:1.95 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 TNFRSF9 in samples. An antibody specific for TNFRSF9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNFRSF9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF9 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 TNFRSF9 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Product Overview:This protein is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB.

Note: This product is for in vitro research use only