

Human Tumor necrosis factor receptor superfamily member 10C (TNFRSF10C) ELISA Kit



Catalog No: #EK6240

Orders: order@signalwayantibody.com

Package Size: #EK6240-1 48T #EK6240-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Tumor necrosis factor receptor superfamily member 10C (TNFRSF10C) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	CD263; DCR1; LIT; MGC149501; MGC149502; TRAILR3; TRID; TNF related TRAIL receptor TNF related apoptosis-inducing ligand receptor 3 TRAIL receptor 3 antagonist decoy receptor for TRAIL/Apo-2L decoy r
Accession No.	O14798
Uniprot	O14798
GeneID	8794;
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. 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 TNFRSF10C in samples. An antibody specific for TNFRSF10C has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNFRSF10C present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF10C 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 TNFRSF10C bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**TRAILR3, a novel member of the TRAIL receptor family. Although the open reading frame potentially encoded a 299-amino acid protein, the authors suggested that translation begins at amino acid 41, yielding a protein of 259 amino acids. TRAILR3 contains a predicted signal sequence, 2 of the 4 cysteine-rich pseudorepeats characteristic of the extracellular domain of members of the TNF receptor family, an extracellular linker sequence, and a short, hydrophobic C-terminal sequence. Transient expression studies showed that TRAILR3 is a plasma membrane-bound protein capable of high affinity interaction with the TRAIL ligand. In contrast to TRAILR1 and TRAILR2, TRAILR3 appears to be glycosylphosphatidylinositol-linked and lacks a cytoplasmic region, including the death domain.

Note: This product is for in vitro research use only