

Human Soluble tumor necrosis factor-like weak inducer of apoptosis (sTWEAK) ELISA Kit



Catalog No: #EK6206

Orders: order@signalwayantibody.com

Package Size: #EK6206-1 48T #EK6206-2 96T

Support: tech@signalwayantibody.com

Description

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|--------------------|--|
| Product Name | Human Soluble tumor necrosis factor-like weak inducer of apoptosis (sTWEAK) ELISA Kit |
| Brief Description | ELISA Kit |
| Applications | ELISA |
| Species Reactivity | Human (Homo sapiens) |
| Other Names | APO3L; DR3LG; MGC129581; MGC20669; TWEAK; APO3/DR3 ligand TNF-related WEAK inducer of apoptosis |
| Accession No. | O43508 |
| Uniprot | O43508 |
| GeneID | 407977;8742; |
| 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: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 TNFSF12 in samples. An antibody specific for TNFSF12 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNFSF12 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFSF12 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 TNFSF12 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**This protein is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. Some transcripts that skip the last exon of this gene and continue with the second exon of the neighboring TNFSF13 gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13.

Note: This product is for in vitro research use only