

# Human Tumor necrosis factor receptor superfamily member 21 (TNFRSF21) ELISA Kit



Catalog No: #EK6221

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)

Package Size: #EK6221-1 48T #EK6221-2 96T

Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

|                    |  |
|--------------------|--|
| Product Name       | Human Tumor necrosis factor receptor superfamily member 21 (TNFRSF21) ELISA Kit  |
| Brief Description  | ELISA Kit  |
| Applications       | ELISA  |
| Species Reactivity | Human (Homo sapiens)   |
| Other Names        | BM-018; DR6; MGC31965; TNFR-related death receptor 6 death receptor 6  |
| Accession No.      | O75509   |
| Uniprot            | O75509   |
| GeneID             | 27242;   |
| 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:0.156-10 ng/mL

Sensitivity:0.056 ng/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:**SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate TNFRSF21 in samples. An antibody specific for TNFRSF21 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTNFRSF21 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF21 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 TNFRSF21 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 21 is a member of the TNF-receptor superfamily. This receptor has been shown to activate NF-κB and MAPK8/JNK, and induce cell apoptosis. Through its death domain, this receptor interacts with TRADD protein, which is known to serve as an adaptor that mediates signal transduction of TNF-receptors. Knockout studies in mice suggested that this gene plays a role in T helper cell activation, and may be involved in inflammation and immune regulation.Highly expressed in heart, brain, placenta, pancreas, lymph node, thymus and prostate. Detected at lower levels in lung, skeletal muscle, kidney, testis, uterus, small intestine, colon, spleen, bone marrow and fetal liver. Very low levels were found in adult liver and peripheral blood leukocytes.

---

Note: This product is for in vitro research use only