

Human TNF receptor-associated factor 5 (TRAF5) ELISA Kit



Catalog No: #EK6018

Orders: order@signalwayantibody.com

Package Size: #EK6018-1 48T #EK6018-2 96T

Support: tech@signalwayantibody.com

Description

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|--------------------|--|
| Product Name | Human TNF receptor-associated factor 5 (TRAF5) ELISA Kit |
| Brief Description | ELISA Kit |
| Applications | ELISA |
| Species Reactivity | Human (Homo sapiens) |
| Other Names | MGC:39780; RNF84; RING finger protein 84 |
| Accession No. | O00463 |
| Uniprot | O00463 |
| GeneID | 7188; |
| 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:0.064 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 TRAF5 in samples. An antibody specific for TRAF5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTRAF5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TRAF5 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 TRAF5 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**TRAF6 is a member of the TNF receptor associated factor (TRAF) protein family. Signals from receptors such as CD40, TNFSF11/RANCE and IL-1 have been shown to be mediated by this protein. This protein also interacts with various protein kinases including IRAK1/IRAK, SRC and PKCzeta, which provides a link between distinct signaling pathways. This protein functions as a signal transducer in the NF-kappaB pathway that activates I kappaB kinase (IKK) in response to proinflammatory cytokines. The interaction of this protein with UBE2N/UBC13, and UBE2V1/UEV1A, which are ubiquitin conjugating enzymes catalyzing the formation of polyubiquitin chains, has been found to be required for IKK activation by this protein. Two alternatively spliced transcript variants encoding identical proteins have been reported.

Note: This product is for in vitro research use only