

Human USP6 N-terminal-like protein (USP6NL) ELISA Kit



Catalog No: #EK5926

Orders: order@signalwayantibody.com

Package Size: #EK5926-1 48T #EK5926-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human USP6 N-terminal-like protein (USP6NL) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	KIAA0019; RNTRE; TRE2NL; related to the N terminus of tre
Accession No.	Q92738
Uniprot	Q92738
GeneID	9712;
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:0.058 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 USP6NL in samples. An antibody specific for USP6NL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyUSP6NL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for USP6NL 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 USP6NL bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**HAUSPis a ubiquitin specific protease or a deubiquitylating enzyme that cleaves ubiquitin from its substrates.Since ubiquitylation (polyubiquitination) is most commonly associated with the stability and degradation of cellular proteins, HAUSP acitivity generally stabilizes its substrate proteins. HAUSP is most popularly known as a direct antagonist of Mdm2, the E3 ubiquitin ligase for the tumor suppressor protein, p53. Normally, p53 levels are kept low in part due to Mdm2-mediated ubiquitylation and degradation of p53. Interestingly, in response to oncogenic insults, HAUSP can deubiquitinate p53 and protect p53 from Mdm2-mediated degradation, indicating that it may possess a tumor suppressor function for the immediate stabilization of p53 in response to stress.

Note: This product is for in vitro research use only