

Human Ubiquitin-60S ribosomal protein L40 (UBA52) ELISA Kit



Catalog No: #EK11348

Orders: order@signalwayantibody.com

Package Size: #EK11348-1 48T #EK11348-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Ubiquitin-60S ribosomal protein L40 (UBA52) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	CEP52; HUBCEP52; MGC126879; MGC126881; MGC57125; RPL40; 60S ribosomal protein L40 ribosomal protein L40 ubiquitin and ribosomal protein L40 ubiquitin carboxyl extension protein 52 ubiquitin-52 amino
Accession No.	P63048
Uniprot	P63048
GeneID	615199;
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:0.312-20 ng/mL

Sensitivity:0.116 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 UBA52 in samples. An antibody specific for UBA52 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyUBA52 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UBA52 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 UBA52 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**Ubiquitin is a highly conserved nuclear and cytoplasmic protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein.

UBA52 encodes a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein L40 at the C terminus, a C-terminal extension protein (CEP). Multiple processed pseudogenes derived from this gene are present in the genome.

Note: This product is for in vitro research use only