

Human S-phase kinase-associated protein 1 (SKP1) ELISA Kit



Catalog No: #EK7324

Orders: order@signalwayantibody.com

Package Size: #EK7324-1 48T #EK7324-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human S-phase kinase-associated protein 1 (SKP1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	EMC19; MGC34403; OCP-II; OCP2; SKP1A; TCEB1L; p19A; RNA polymerase II elongation factor-like protein OCP2 cyclin A/CDK2-associated p19 organ of Corti protein 2 transcription elongation factor B (SII
Accession No.	P63208
Uniprot	P63208
GeneID	6500;
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:0.156-10 ng/mL

Sensitivity:0.054 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 SKP1 in samples. An antibody specific for SKP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anySKP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SKP1 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 SKP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**S-phase kinase-associated protein 1 is a member of the SCF ubiquitin ligase protein complex. It binds to proteins containing an F-box motif, such as cyclin F, S-phase kinase-associated protein 2, and other regulatory proteins involved in ubiquitin dependent proteolysis.

The encoded protein also collaborates with a network of proteins to control beta-catenin levels and affects the activity level of beta-catenin dependent TCF transcription factors. Studies have also characterized the protein as an RNA polymerase II elongation factor. Alternative splicing of this gene results in two transcript variants. A related pseudogene has been identified on chromosome 7.

Note: This product is for in vitro research use only