

Human Yorkie homolog (YAP1) ELISA Kit

Catalog No: #EK5806



Package Size: #EK5806-1 48T #EK5806-2 96T

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Description

Product Name	Human Yorkie homolog (YAP1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	YAP; YAP2; YAP65; YKI; yes-associated protein 2
Accession No.	P46937
Uniprot	P46937
GeneID	10413;
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:0.078 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 YAP1 in samples. An antibody specific for YAP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyYAP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for YAP1 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 YAP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**YAP1 contains a WW domain that is found in various structural, regulatory and signaling molecules in yeast, nematode, and mammals, and may be involved in protein-protein interaction.

The human and mouse cDNAs encode deduced 493- and 531-amino acid proteins, respectively, with significant sequence similarity to the chicken protein. All 3 contain a putative protein module of 38 amino acids that is found in various structural, regulatory, and signaling molecules in yeast, nematode, and mammals and may be involved in protein-protein interaction. The mouse protein contains an imperfect repeat of the module. Because one of the prominent features of the sequence motif is 2 tryptophans, it has been designated the WW domain .

Note: This product is for in vitro research use only