

Human S-Phase Kinase Associated Protein 2 (SKP2) ELISA Kit | SKP2 elisa kit

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CATALOG #
AAA136595

REACTIVITY
Human

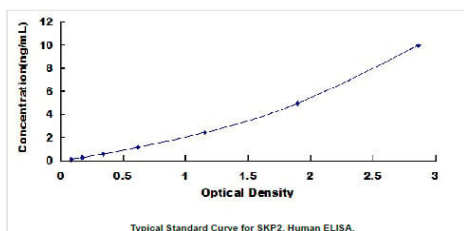
PRODUCT SYNONYMS

S-Phase Kinase Associated Protein 2 (SKP2); Human S-Phase Kinase Associated Protein 2 (SKP2) ELISA Kit; FBL1; FBXL1; FLB1; p45; Cyclin-A/CDK2-associated protein p45; F-box/LRR-repeat protein 1; p45skp2; SKP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SKP2. No significant cross-reactivity or interference between SKP2 and analogues was observed.
Sequence Length	2
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SKP2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SKP2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of 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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SKP2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SKP2 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SKP2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SKP2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SKP2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SKP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for SKP2 elisa kit	Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	68161558
NCBI GeneID	6502
Molecular Weight	23,763 Da
NCBI Official Full Name	S-phase kinase associated protein 2, partial
NCBI Official Synonym Full Names	S-phase kinase-associated protein 2, E3 ubiquitin protein ligase
NCBI Official Symbol	SKP2
NCBI Official Synonym Symbols	p45; FBL1; FLB1; FBXL1
NCBI Protein Information	S-phase kinase-associated protein 2
UniProt Protein Name	S-phase kinase-associated protein 2
UniProt Gene Name	SKP2
UniProt Synonym Gene Names	FBXL1
UniProt Entry Name	SKP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/s-phase-kinase-associated-protein-2-skp2/136595>