

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

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

CATALOG #  
**AAA330856**

REACTIVITY  
**Human**

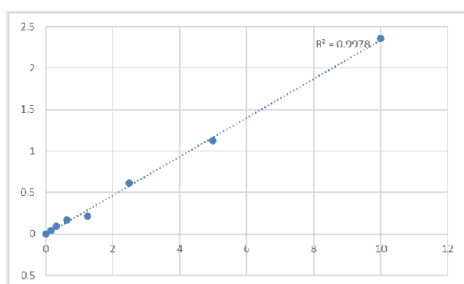
### PRODUCT SYNONYMS

S-Phase Kinase-Associated Protein 2 (SKP2); Human S-Phase Kinase-Associated Protein 2 (SKP2) ELISA Kit; SKP2; FBL1; FBXL1; FLB1; MGC1366; CDK2/cyclin A-associated protein p45; S-phase kinase-associated protein 2; SKP2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | Human S-phase kinase-associated protein 2 (SKP2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SKP2. No significant cross-reactivity or interference between Human SKP2 and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Sequence Length         | 210                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Assay Type              | Sandwich ELISA (Quantitative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage Notes             | <ul style="list-style-type: none"> <li>* Do not mix components from different kit lots or use reagents beyond the kit expiration date.</li> <li>* Allow all reagents to warm to room temperature for at least 30 minutes before opening.</li> <li>* Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination.</li> <li>* Unused wells must be kept desiccated at 4 degree C in the sealed bag provided.</li> <li>* Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes.</li> <li>* It is recommended that all samples and standards be assayed in duplicate or triplicate.</li> </ul> |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



**Standard Curve (Sample)**

Fig.1. Human S-phase kinase-associated protein 2 (SKP2) Standard Curve.

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| Related Product Information for SKP2 elisa kit | <p>Description: This Human S-phase kinase-associated protein 2 (SKP2) ELISA Kit employs a two-site sandwich ELISA to quantitate SKP2 in samples. An antibody specific for SKP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SKP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SKP2 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 SKP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: S-phase kinase-associated protein 2 is a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, FbIs containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the FbIs class; in addition to an F-box, this protein contains 10 tandem leucine-rich repeats. This protein is an essential element of the cyclin A-CDK2 S-phase kinase.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 340805881                                     |
| NCBI GeneID                      | 6502                                          |
| NCBI Accession #                 | NP_001230049.1                                |
| NCBI GenBank Nucleotide #        | NP_001230049.1                                |
| UniProt Accession #              | Q13309                                        |
| NCBI Official Full Name          | S-phase kinase-associated protein 2 isoform 3 |
| NCBI Official Synonym Full Names | S-phase kinase associated protein 2           |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/s-phase-kinase-associated-protein-2-skp2/330856>