

## Mouse F-box only protein 6 (FBXO6) ELISA Kit | FBXO6 elisa kit

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CATALOG #  
**AAA244694**

REACTIVITY  
**Mouse**

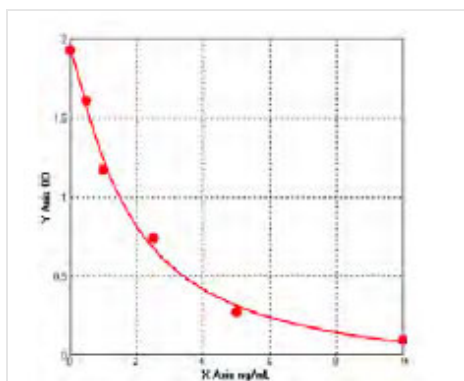
### PRODUCT SYNONYMS

F-box only protein 6 (FBXO6); Mouse F-box only protein 6 (FBXO6) ELISA Kit; FBXO6 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                      |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 0.1 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for FBXO6 elisa kit

**Intended Uses:** This FBXO6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse FBXO6. This ELISA kit for research use only!

**Principle of the Assay:** FBXO6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FBXO6 antibody and an FBXO6-HRP conjugate. The assay sample and buffer are incubated together with FBXO6-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FBXO6 concentration since FBXO6 from samples and FBXO6-HRP conjugate compete for the anti-FBXO6 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBXO6 from the sample, fewer sites are left to bind FBXO6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBXO6 concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 8922188                                                                                                                              |
| NCBI GeneID                      | 26270                                                                                                                                |
| NCBI Accession #                 | NP_060908.1                                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_018438.5                                                                                                                          |
| Molecular Weight                 | 33,933 Da                                                                                                                            |
| NCBI Official Full Name          | F-box only protein 6                                                                                                                 |
| NCBI Official Synonym Full Names | F-box protein 6                                                                                                                      |
| NCBI Official Symbol             | FBXO6                                                                                                                                |
| NCBI Official Synonym Symbols    | FBG2; FBS2; FBX6; Fbx6b                                                                                                              |
| NCBI Protein Information         | F-box only protein 6; F-box protein FBG2; F-box protein Fbx6; F-box/G-domain protein 2; F-box protein that recognizes sugar chains 2 |
| UniProt Protein Name             | F-box only protein 6                                                                                                                 |
| UniProt Gene Name                | <b>FBXO6</b>                                                                                                                         |
| UniProt Synonym Gene Names       | FBG2; FBS2; FBX6                                                                                                                     |
| UniProt Entry Name               | FBX6_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.