

## Human F box only protein 32 (FBXO32) ELISA Kit | FBXO32 elisa kit

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CATALOG #  
**AAA27337**

REACTIVITY  
**Human**

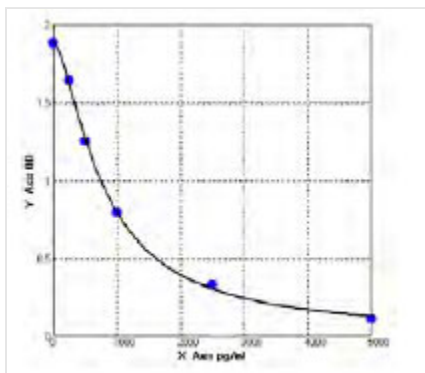
### PRODUCT SYNONYMS

F box only protein 32 (FBXO32); Human F box only protein 32 (FBXO32) ELISA Kit; FBXO32 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of FBXO-32. No significant cross-reactivity or interference between FBXO-32 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FBXO-32 and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                        |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                          |
| Sensitivity             | 1.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                               |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for FBXO32 elisa kit | <p>Intended Uses: This FBXO-32 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FBXO-32. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: FBXO-32 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FBXO-32 antibody and an FBXO-32-HRP conjugate. The assay sample and buffer are incubated together with FBXO-32-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 FBXO-32 concentration since FBXO-32 from samples and FBXO-32-HRP conjugate compete for the anti-FBXO-32 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBXO-32 from the sample, fewer sites are left to bind FBXO-32-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBXO-32 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for FBXO32 elisa kit   | Cell Biology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| NCBI GI #                        | 335057520                                                                 |
| NCBI GeneID                      | 114907                                                                    |
| NCBI Accession #                 | NP_001229392.1                                                            |
| NCBI GenBank Nucleotide #        | NM_001242463.1                                                            |
| Molecular Weight                 | 30,804 Da                                                                 |
| NCBI Official Full Name          | F-box only protein 32 isoform 3                                           |
| NCBI Official Synonym Full Names | F-box protein 32                                                          |
| NCBI Official Symbol             | FBXO32                                                                    |
| NCBI Official Synonym Symbols    | Fbx32; MAFbx                                                              |
| NCBI Protein Information         | F-box only protein 32; atrogin 1; atrogin-1; muscle atrophy F-box protein |
| UniProt Protein Name             | F-box only protein 32                                                     |
| UniProt Gene Name                | <b>FBXO32</b>                                                             |
| UniProt Synonym Gene Names       | MAFbx                                                                     |
| UniProt Entry Name               | FBX32_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/f-box-only-protein-32-fbxo32/27337>