

Human F-Box Protein 32 (FBXO32) ELISA Kit | FBXO32 elisa kit

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CATALOG #
AAA66598

REACTIVITY
Human

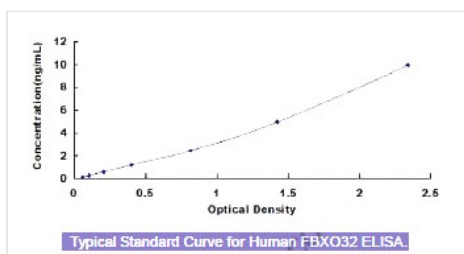
PRODUCT SYNONYMS

F-Box Protein 32 (FBXO32); Human F-Box Protein 32 (FBXO32) ELISA Kit; ATROGIN1; Fbx32; MAFbx; Muscle atrophy F-box protein; FBXO32 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FBXO32. No significant cross-reactivity or interference between FBXO32 and analogues was observed.
Sequence Length	262
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.071ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FBXO32 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 FBXO32 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBXO32 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FBXO32 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FBXO32. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FBXO32. 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 FBXO32, 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 FBXO32 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
References	Salutary effect of auringtricarboxylic acid (ATA) on endotoxin-and sepsis-induced changes in muscle protein synthesis and inflammation. Lacey Laufenberg, MD, Abid A. Kazi, PhD, and Charles H. Lang, PhD (2014)

NCBI AND UNIPROT INFORMATION

NCBI GI #	335057520
NCBI GeneID	114907
NCBI Accession #	NP_001229392.1
NCBI GenBank Nucleotide #	NM_001242463.1
UniProt Accession #	Q969P5; A4KYM0
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
UniProt Protein Name	F-box only protein 32
UniProt Gene Name	FBXO32
UniProt Synonym Gene Names	MAFbx

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-protein-32-fbxo32/66598>