

Mouse F-box only protein 31 (FBXO31) ELISA Kit | FBXO31 elisa kit

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CATALOG #
AAA244520

REACTIVITY
Mouse

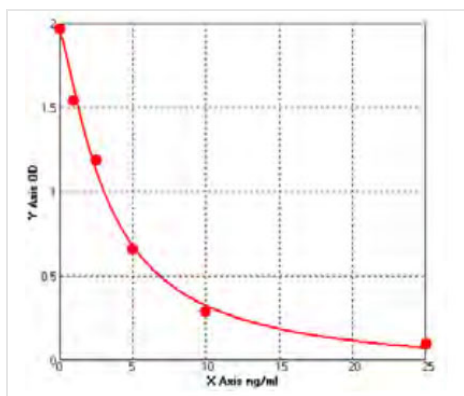
PRODUCT SYNONYMS

F-box only protein 31 (FBXO31); Mouse F-box only protein 31 (FBXO31) ELISA Kit; FBXO31 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FBXO31. No significant cross-reactivity or interference between FBXO31 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FBXO31 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 FBXO31 elisa kit	Principle of the Assay: FBXO31 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FBXO31 antibody and an FBXO31-HRP conjugate. The assay sample and buffer are incubated together with FBXO31-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 FBXO31 concentration since FBXO31 from samples and FBXO31-HRP conjugate compete for the anti-FBXO31 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBXO31 from the sample, fewer sites are left to bind FBXO31-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBXO31 concentration in each sample is interpolated from this standard curve. Intended Uses: This FBXO31 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse FBXO31. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for FBXO31 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	83035136
NCBI GeneID	79791
NCBI Accession #	NP_079011.3
NCBI GenBank Nucleotide #	NM_024735.4
Molecular Weight	49,039 Da
NCBI Official Full Name	F-box only protein 31 isoform 1
NCBI Official Synonym Full Names	F-box protein 31
NCBI Official Symbol	FBXO31
NCBI Official Synonym Symbols	FBX14; Fbx31; MRT45; FBXO14; pp2386
NCBI Protein Information	F-box only protein 31; SCF ubiquitin ligase specificity factor; putative breast cancer tumor-suppressor
UniProt Protein Name	F-box only protein 31
UniProt Gene Name	FBXO31
UniProt Synonym Gene Names	FBX14; FBX31; PP2386
UniProt Entry Name	FBX31_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/mouse-elisa-kits/f-box-only-protein-31-fbxo31/244520>