

Human F box/WD repeat containing protein 7 (FBXW7) ELISA Kit | FBXW7 elisa kit

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CATALOG #
AAA246453

REACTIVITY
Human

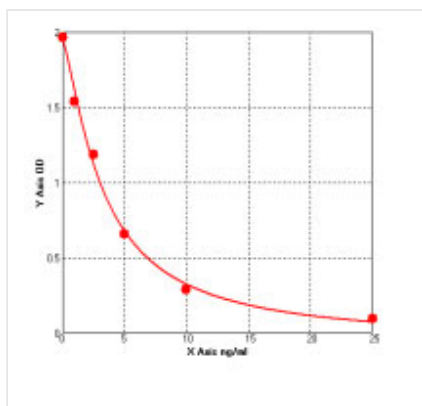
PRODUCT SYNONYMS

F box/WD repeat containing protein 7 (FBXW7); Human F box/WD repeat containing protein 7 (FBXW7) ELISA Kit; FBXW7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FBXW7. No significant cross-reactivity or interference between FBXW7 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FBXW7 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 FBXW7 elisa kit	Principle of the Assay: FBXW7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FBXW7 antibody and an FBXW7-HRP conjugate. The assay sample and buffer are incubated together with FBXW7-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 FBXW7 concentration since FBXW7 from samples and FBXW7-HRP conjugate compete for the anti-FBXW7 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBXW7 from the sample, fewer sites are left to bind FBXW7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBXW7 concentration in each sample is interpolated from this standard curve. Intended Uses: This FBXW7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FBXW7. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for FBXW7 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	44887885
NCBI GeneID	55294
Molecular Weight	66,120 Da
NCBI Official Full Name	F-box/WD repeat-containing protein 7
NCBI Official Synonym Full Names	F-box and WD repeat domain containing 7, E3 ubiquitin protein ligase
NCBI Official Symbol	FBXW7
NCBI Official Synonym Symbols	AGO; CDC4; FBW6; FBW7; hAgo; FBX30; FBXW6; SEL10; hCdc4; FBXO30; SEL-10
NCBI Protein Information	F-box/WD repeat-containing protein 7; archipelago; F-box protein FBW7; F-box protein FBX30; F-box protein SEL-10; homolog of C elegans sel-10; F-box and WD-40 domain protein 7 (archipelago homolog, Drosophila)
UniProt Protein Name	F-box/WD repeat-containing protein 7
UniProt Gene Name	FBXW7
UniProt Synonym Gene Names	FBW7; FBX30; SEL10; hAgo
UniProt Entry Name	FBXW7_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-wd-repeat-containing-protein-7-fbxw7/246453>