

Human F box/LRR repeat protein 2 (FBXL2) ELISA Kit | FBXL2 elisa kit

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CATALOG #
AAA245686

REACTIVITY
Human

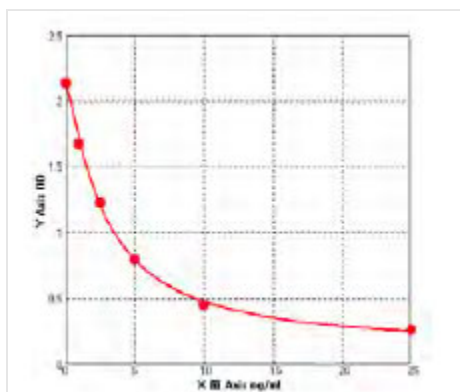
PRODUCT SYNONYMS

F box/LRR repeat protein 2 (FBXL2); Human F box/LRR repeat protein 2 (FBXL2) ELISA Kit; FBXL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FBXL2. No significant cross-reactivity or interference between FBXL2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FBXL2 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	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 FBXL2 elisa kit	Intended Uses: This FBXL2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FBXL2. This ELISA kit for research use only! Principle of the Assay: FBXL2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-FBXL2 antibody and an FBXL2-HRP conjugate. The assay sample and buffer are incubated together with FBXL2-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 FBXL2 concentration since FBXL2 from samples and FBXL2-HRP conjugate compete for the anti-FBXL2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBXL2 from the sample, fewer sites are left to bind FBXL2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBXL2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FBXL2 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	284447308
NCBI GeneID	25827
NCBI Accession #	NP_036289.3
NCBI GenBank Nucleotide #	NM_012157.3
Molecular Weight	39,613 Da
NCBI Official Full Name	F-box/LRR-repeat protein 2 isoform 1
NCBI Official Synonym Full Names	F-box and leucine-rich repeat protein 2
NCBI Official Symbol	FBXL2
NCBI Official Synonym Symbols	FBL2; FBL3
NCBI Protein Information	F-box/LRR-repeat protein 2; F-box protein FBL2/FBL3; F-box protein containing leucine-rich repeats
UniProt Protein Name	F-box/LRR-repeat protein 2
UniProt Gene Name	FBXL2
UniProt Synonym Gene Names	FBL2; FBL3
UniProt Entry Name	FBXL2_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.