

Mouse F-box/LRR-repeat protein 5 (FBXL5) ELISA Kit | FBXL5 elisa kit

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CATALOG #
AAA27316

REACTIVITY
Mouse

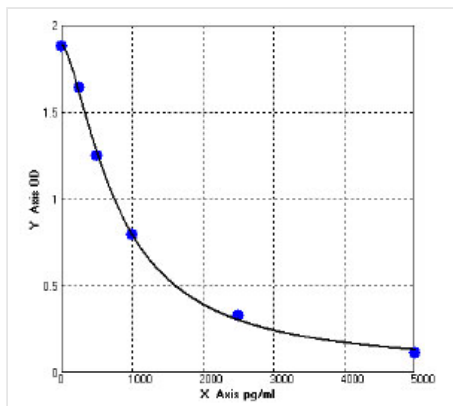
PRODUCT SYNONYMS

F-box/LRR-repeat protein 5 (FBXL5); Mouse F-box/LRR-repeat protein 5 (FBXL5) ELISA Kit; FBXL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FBXL5. No significant cross-reactivity or interference between FBXL5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FBXL5 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

Related Product Information for FBXL5 elisa kit	Intended Uses: This FBXL5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse FBXL5. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: FBXL5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FBXL5 antibody and an FBXL5-HRP conjugate. The assay sample and buffer are incubated together with FBXL5-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 FBXL5 concentration since FBXL5 from samples and FBXL5-HRP conjugate compete for the anti-FBXL5 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBXL5 from the sample, fewer sites are left to bind FBXL5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBXL5 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for FBXL5 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	683472914
UniProt Accession #	A2VE78
Molecular Weight	78,412 Da
NCBI Official Full Name	F-box/LRR-repeat protein 5, partial
UniProt Protein Name	F-box/LRR-repeat protein 5
UniProt Gene Name	FBXL5
UniProt Entry Name	FBXL5_BOVIN

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.