

Mouse Fibulin 7 (FBLN7) ELISA Kit | FBLN7 elisa kit

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CATALOG #
AAA64046

REACTIVITY
Mouse

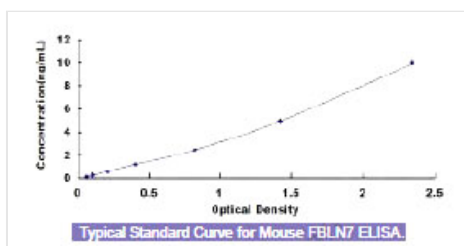
PRODUCT SYNONYMS

Fibulin 7 (FBLN7); Mouse Fibulin 7 (FBLN7) ELISA Kit; TM14; FBLN7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FBLN7. No significant cross-reactivity or interference between FBLN7 and analogues was observed.
Sequence Length	440
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FBLN7 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 FBLN7 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 FBLN7 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FBLN7 in mouse serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FBLN7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FBLN7. 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 FBLN7, 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 FBLN7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	146134428
NCBI GeneID	70370
NCBI Accession #	NP_077199.2
NCBI GenBank Nucleotide #	NM_024237.4
UniProt Accession #	Q501P1; Q9DAW5
Molecular Weight	47,927 Da
NCBI Official Full Name	fibulin-7
NCBI Official Synonym Full Names	fibulin 7
NCBI Official Symbol	Fbln7
NCBI Official Synonym Symbols	TM14; AI464334; 1600015H20Rik
NCBI Protein Information	fibulin-7
UniProt Protein Name	Fibulin-7
UniProt Gene Name	Fbln7
UniProt Synonym Gene Names	Tm14; FIBL-7

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.