

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

Human Fibulin 7 (FBLN7) ELISA Kit

CATALOG #
AAA189834

REACTIVITY
Human

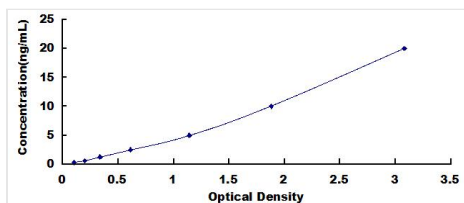
PRODUCT SYNONYMS

Fibulin 7 (FBLN7); Human Fibulin 7 (FBLN7) ELISA Kit; TM14; FBLN7/Fibulin 7; FBLN7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.119ng/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	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBLN7 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FBLN7. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody 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. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FBLN7 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for FBLN7 elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	189491647
NCBI GeneID	129804
NCBI Accession #	NP_001121637
NCBI GenBank Nucleotide #	NM_001128165
UniProt Accession #	Q53RD9; Q5H9P5; Q8N9G0; A0JNV1; A0JNV2
Molecular Weight	33,326 Da
NCBI Official Full Name	fibulin-7 isoform 2
NCBI Official Synonym Full Names	fibulin 7
NCBI Official Symbol	FBLN7
NCBI Official Synonym Symbols	TM14
NCBI Protein Information	fibulin-7; FIBL-7
UniProt Protein Name	Fibulin-7
UniProt Gene Name	FBLN7
UniProt Synonym Gene Names	TM14; FIBL-7
UniProt Entry Name	FBLN7_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.