

Human Fibulin 4 (FBLN4) ELISA Kit | FBLN4 elisa kit

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CATALOG #
AAA66198

REACTIVITY
Human

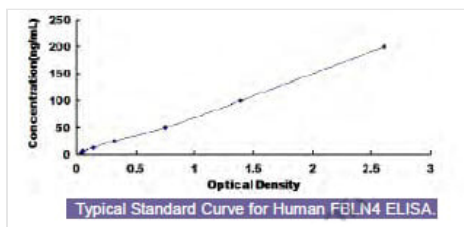
PRODUCT SYNONYMS

Fibulin 4 (FBLN4); Human Fibulin 4 (FBLN4) ELISA Kit; EFEMP2; MBP1; UPH1; EGF-Containing Fibulin-Like Extracellular Matrix Protein 2; FBLN4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FBLN4. No significant cross-reactivity or interference between FBLN4 and analogues was observed.
Sequence Length	443
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	1.48ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FBLN4 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 FBLN4 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 FBLN4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FBLN4 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FBLN4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FBLN4. 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 FBLN4, 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 FBLN4 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 #	320118911
NCBI GeneID	30008
NCBI Accession #	NP_058634.4
NCBI GenBank Nucleotide #	NM_016938.4
UniProt Accession #	O95967; O75967; A8K7R4; B3KM31; B3KQT1
Molecular Weight	49,405 Da
NCBI Official Full Name	EGF-containing fibulin-like extracellular matrix protein 2
NCBI Official Synonym Full Names	EGF containing fibulin like extracellular matrix protein 2
NCBI Official Symbol	EFEMP2
NCBI Official Synonym Symbols	MBP1; UPH1; FBLN4; ARCL1B
NCBI Protein Information	EGF-containing fibulin-like extracellular matrix protein 2
UniProt Protein Name	EGF-containing fibulin-like extracellular matrix protein 2
UniProt Gene Name	EFEMP2
UniProt Synonym Gene Names	FBLN4; FIBL-4

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.