

Rat Fibulin 3 (FBLN3) ELISA Kit | FBLN3 elisa kit

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CATALOG #
AAA149931

REACTIVITY
Rat

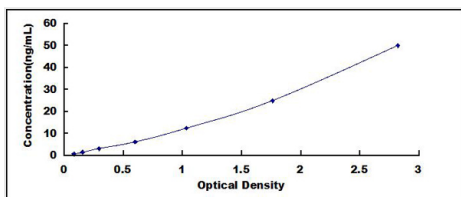
PRODUCT SYNONYMS

Fibulin 3 (FBLN3); Rat Fibulin 3 (FBLN3) ELISA Kit; EFEMP1; DHRD; DRAD; FBNL; MLVT; MTLV; S1-5; EGF-Containing Fibulin-Like Extracellular Matrix Protein 1; Fibrillin-Like; Extracellular protein S1-5; FBLN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Fibulin 3 (FBLN3). No significant cross-reactivity or interference between Fibulin 3 (FBLN3) and analogues was observed.
Sequence Length	493
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.30ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Fibulin 3 (FBLN3) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Fibulin 3 (FBLN3) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	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 FBLN3 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Fibulin 3 (FBLN3). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Fibulin 3 (FBLN3). 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 Fibulin 3 (FBLN3), 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 Fibulin 3 (FBLN3) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FBLN3 elisa kit	Metabolic Pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	9973135
NCBI GeneID	305604
UniProt Accession #	O35568
NCBI Official Full Name	EGF-containing fibulin-like extracellular matrix protein 1
NCBI Official Synonym Full Names	EGF containing fibulin extracellular matrix protein 1
NCBI Official Symbol	Efemp1
NCBI Official Synonym Symbols	T16
NCBI Protein Information	EGF-containing fibulin-like extracellular matrix protein 1
UniProt Protein Name	EGF-containing fibulin-like extracellular matrix protein 1
UniProt Gene Name	Efemp1
UniProt Synonym Gene Names	Fbln3; FIBL-3
UniProt Entry Name	FBLN3_RAT

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.