

Mouse Fibrillin 1 (FBN1) ELISA Kit | FBN1 elisa kit

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CATALOG #
AAA148526

REACTIVITY
Mouse

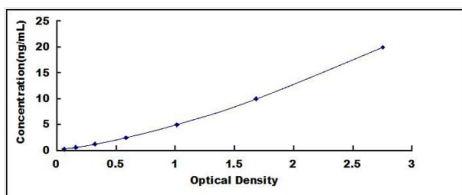
PRODUCT SYNONYMS

Fibrillin 1 (FBN1); Mouse Fibrillin 1 (FBN1) ELISA Kit; FBN; MASS; MFS1; OCTD; SGS; Asprosin; FBN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Fibrillin 1 (FBN1). No significant cross-reactivity or interference between Fibrillin 1 (FBN1) and analogues was observed.
Sequence Length	2873
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.124ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Fibrillin 1 (FBN1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Fibrillin 1 (FBN1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
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 FBN1 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 Fibrillin 1 (FBN1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Fibrillin 1 (FBN1). 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 Fibrillin 1 (FBN1), 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 Fibrillin 1 (FBN1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FBN1 elisa kit	Signal transduction; Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	118197277
NCBI GeneID	14118
NCBI Accession #	NP_032019.2
NCBI GenBank Nucleotide #	NM_007993.2
UniProt Accession #	Q61554; Q60826; A2AQ53
Molecular Weight	312,298 Da
NCBI Official Full Name	fibrillin-1 preproprotein
NCBI Official Synonym Full Names	fibrillin 1
NCBI Official Symbol	Fbn1
NCBI Official Synonym Symbols	Tsk; Fib-1; AI536462; B430209H23
NCBI Protein Information	fibrillin-1
UniProt Protein Name	Fibrillin-1
UniProt Gene Name	Fbn1
UniProt Synonym Gene Names	Fbn-1

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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/fibrillin-1-fbn1/148526>