

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

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CATALOG #
AAA277934

REACTIVITY
Mouse

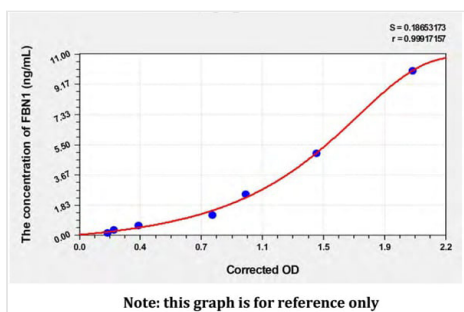
PRODUCT SYNONYMS

FBN1 (Fibrillin 1); Mouse FBN1 (Fibrillin 1) 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 Mouse FBN1. No significant cross-reactivity or interference between Mouse FBN1 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.061 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBN1 elisa kit

Principle of the Assay: 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 Mouse FBN1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse FBN1 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2494284
NCBI GeneID	14118
UniProt Accession #	Q61554; Q60826
Molecular Weight	312,266 Da
NCBI Official Full Name	Fibrillin-1
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; tight skin
UniProt Protein Name	Fibrillin-1
UniProt Gene Name	Fbn1
UniProt Synonym Gene Names	Fbn-1
UniProt Entry Name	FBN1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/fbn1-fibrillin-1/277934>