

Sheep Fibrillin 1 ELISA Kit | FBN1 elisa kit

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CATALOG #
AAA90696

REACTIVITY
Sheep

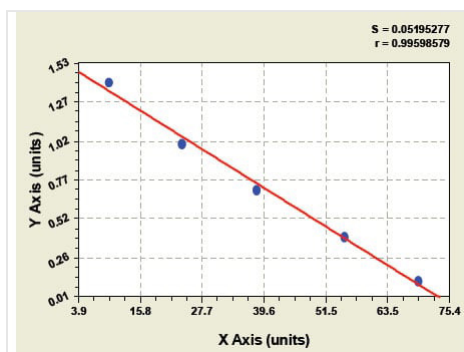
PRODUCT SYNONYMS

Fibrillin 1; Sheep Fibrillin 1 ELISA Kit; FBN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This FBN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep FBN1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBN1 elisa kit

Principle of the Assay: FBN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FBN1 antibody and an FBN1-HRP conjugate. The assay sample and buffer are incubated together with FBN1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FBN1 concentration since FBN1 from samples and FBN1-HRP conjugate compete for the anti-FBN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBN1 from the sample, fewer sites are left to bind FBN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBN1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FBN1 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	281485550
NCBI GeneID	2200
NCBI Accession #	NP_000129.3
NCBI GenBank Nucleotide #	NM_000138.4
Molecular Weight	312,237 Da
NCBI Official Full Name	fibrillin-1
NCBI Official Synonym Full Names	fibrillin 1
NCBI Official Symbol	FBN1
NCBI Official Synonym Symbols	FBN; SGS; WMS; MASS; MFS1; OCTD; SSKS; WMS2; ACMICD; ECTOL1; GPHYSD2
NCBI Protein Information	fibrillin-1; fibrillin 15
UniProt Protein Name	Fibrillin-1
UniProt Gene Name	FBN1
UniProt Synonym Gene Names	FBN
UniProt Entry Name	FBN1_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.

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Online datasheet: <https://stage.aaabiotech.com/fbn1-sheep-elisa-kits/fibrillin-1/90696>