

Sheep Fibrillin 2 ELISA Kit | FBN2 elisa kit

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CATALOG #
AAA96527

REACTIVITY
Sheep

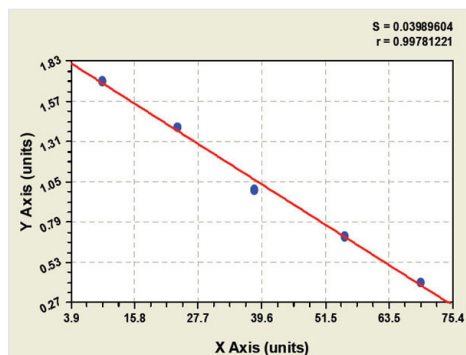
PRODUCT SYNONYMS

Fibrillin 2; Sheep Fibrillin 2 ELISA Kit; FBN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This FBN2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep FBN2. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FBN2 elisa kit

Principle of the Assay: FBN2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FBN2 antibody and an FBN2-HRP conjugate. The assay sample and buffer are incubated together with FBN2-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 FBN2 concentration since FBN2 from samples and FBN2-HRP conjugate compete for the anti-FBN2 antibody binding site. Since the number of sites is limited, as more sites are occupied by FBN2 from the sample, fewer sites are left to bind FBN2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FBN2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118136302
NCBI GeneID	14119
NCBI Accession #	NP_034311.2
NCBI GenBank Nucleotide #	NM_010181.2
Molecular Weight	313,818 Da
NCBI Official Full Name	fibrillin-2
NCBI Official Synonym Full Names	fibrillin 2
NCBI Official Symbol	Fbn2
NCBI Official Synonym Symbols	sy; sne; Fib-2; BC063774; mKIAA4226
NCBI Protein Information	fibrillin-2; syndatyly ems
UniProt Protein Name	Fibrillin-2
UniProt Gene Name	Fbn2
UniProt Synonym Gene Names	Fbn-2
UniProt Entry Name	FBN2_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.