

Sheep Filamin A, Alpha ELISA Kit | FLNa elisa kit

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CATALOG #
AAA95314

REACTIVITY
Sheep

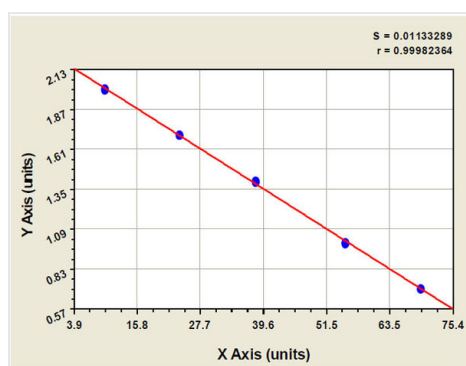
PRODUCT SYNONYMS

Filamin A; Alpha; Sheep Filamin A; Alpha ELISA Kit; FLNa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This FLNa ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep FLNa. 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 FLNa elisa kit

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

Product Categories/Family for FLNa elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	119593152
NCBI GeneID	2316
Molecular Weight	280,018 Da
NCBI Official Full Name	filamin A, alpha (actin binding protein 280), isoform CRA_c
NCBI Official Synonym Full Names	filamin A, alpha
NCBI Official Symbol	FLNA
NCBI Official Synonym Symbols	FLN; FMD; MNS; OPD; ABPX; CSBS; CVD1; FLN1; NHBP; OPD1; OPD2; XLVD; XMVD; FLN-A; ABP-280
NCBI Protein Information	filamin-A; filamin-1; alpha-filamin; non-muscle filamin; actin binding protein 280; endothelial actin-binding protein
UniProt Protein Name	Filamin-A
UniProt Gene Name	FLNA
UniProt Synonym Gene Names	FLN; FLN1; FLN-A; ABP-280
UniProt Entry Name	FLNA_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/flna-sheep-elisa-kits/filamin-a-alpha/95314>