

Porcine Filamin B, Beta ELISA Kit | FLNB elisa kit

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CATALOG #
AAA93083

REACTIVITY
Porcine

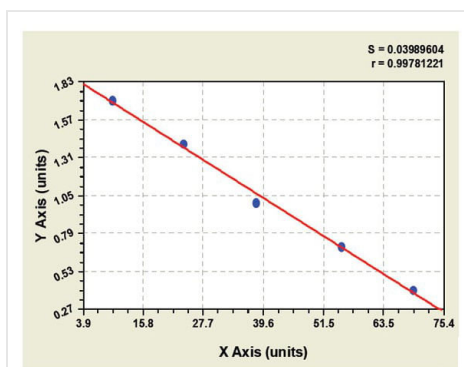
PRODUCT SYNONYMS

Filamin B; Beta; Porcine Filamin B; Beta ELISA Kit; FLNB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This FLNBbeta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine FLNBbeta. 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 FLNB elisa kit

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

Product Categories/Family for FLNB elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	256222415
NCBI GeneID	2317
NCBI Accession #	NP_001157791.1
NCBI GenBank Nucleotide #	NM_001164319.1
Molecular Weight	276,939 Da
NCBI Official Full Name	filamin-B isoform 4
NCBI Official Synonym Full Names	filamin B, beta
NCBI Official Symbol	FLNB
NCBI Official Synonym Symbols	AOI; FH1; SCT; TAP; LRS1; TABP; FLN-B; FLN1L; ABP-278; ABP-280
NCBI Protein Information	filamin-B; filamin-3; beta-filamin; ABP-280 homolog; filamin homolog 1; thyroid autoantigen; actin binding protein 278; actin-binding-like protein; Larsen syndrome 1 (autosomal dominant)
UniProt Protein Name	Filamin-B
UniProt Gene Name	FLNB
UniProt Synonym Gene Names	FLN1L; FLN3; TABP; TAP; FLN-B; Fh1; Truncated ABP
UniProt Entry Name	FLNB_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/flnb-porcine-elisa-kits/filamin-b-beta/93083>