

## Goat Filamin B, Beta ELISA Kit | FLNB elisa kit

Goat Filamin B, Beta ELISA Kit

CATALOG #  
**AAA93277**

REACTIVITY  
**Goat**

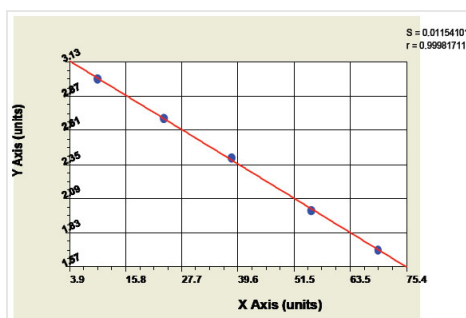
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Goat                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                           |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                            |
| Intended Uses           | This FLNB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat FLNB. 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:** FLNB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FLNB antibody and an FLNB-HRP conjugate. The assay sample and buffer are incubated together with FLNB-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 FLNB concentration since FLNB from samples and FLNB-HRP conjugate compete for the anti-FLNB antibody binding site. Since the number of sites is limited, as more sites are occupied by FLNB from the sample, fewer sites are left to bind FLNB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FLNB 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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