

Human Filamin B, beta ELISA Kit | FLNB elisa kit

Human Filamin B, beta ELISA Kit

CATALOG #
AAA16590

REACTIVITY
Human

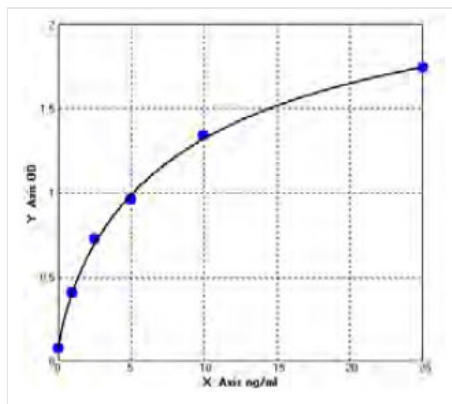
PRODUCT SYNONYMS

Filamin B; beta; Human Filamin B; beta ELISA Kit; b ELISA Kit; FLNB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FLNB. No significant cross-reactivity or interference between FLNB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between FLNB and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLNB elisa kit	Intended Uses: This FLNB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FLNB. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: FLNB ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FLNB. Standards or samples are then added to the microtiter plate wells and FLNB if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FLNB present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FLNB are added to each well to "sandwich" the FLNB immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain FLNB and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/flnb-human-elisa-kits/filamin-b-beta/16590>