

Human Filamin-B ELISA Kit | FLNB elisa kit

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CATALOG #
AAA100041

REACTIVITY
Human

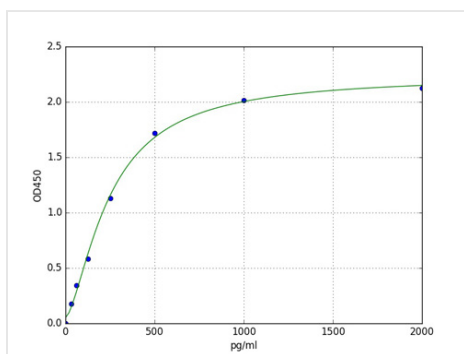
PRODUCT SYNONYMS

Filamin-B; Human Filamin-B ELISA Kit; FLNB (Filamin-B)/FLN1L/FLN3/TABP/TAP/FLN-B/Fh1/Truncated ABP/Filamin-3/Filamin homolog 1/Beta-filamin/Actin-binding-like protein/Truncated actin-binding protein/Thyroid autoantigen/ABP-278/ABP-280 homolog; FLNB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	2578
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a FLNB ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.035	0.104	0.177	0.333	0.664	1.079	1.737	2.222

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLNB elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-FLNB antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-FLNB antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the FLNB amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of FLNB can be calculated.

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
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
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-human-elisa-kits/filamin-b/100041>