

Human Filamin B Beta (FLNb) ELISA Kit | FLNb elisa kit

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CATALOG #
AAA137145

REACTIVITY
Human

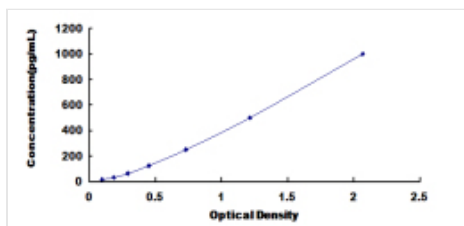
PRODUCT SYNONYMS

Filamin B Beta (FLNb); Human Filamin B Beta (FLNb) ELISA Kit; ABP-278; AOI; FH1; FLN1L; LRS1; SCT; TABP; TAP; Actin Binding Protein 278; Actin-binding-like protein; Thyroid autoantigen; Filamin-3; Truncated actin-binding protein; FLNb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Filamin B Beta (FLNb). No significant cross-reactivity or interference between Filamin B Beta (FLNb) and analogues was observed.
Sequence Length	2598
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	15.62-1000pg/mL
Sensitivity	5.4pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Filamin B Beta (FLNb) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Filamin B Beta (FLNb) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLNb elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Filamin B Beta (FLNb). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Filamin B Beta (FLNb). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Filamin B Beta (FLNb), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Filamin B Beta (FLNb) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FLNb elisa kit	Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	119585761
NCBI GeneID	2317
Molecular Weight	276,939 Da
NCBI Official Full Name	filamin B, beta (actin binding protein 278), isoform CRA_e
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
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.