

Human Filamin A Alpha (FLNa) ELISA Kit | FLNa elisa kit

Human Filamin A Alpha (FLNa) Mini Samples ELISA Kit

CATALOG #
AAA147406

REACTIVITY
Human

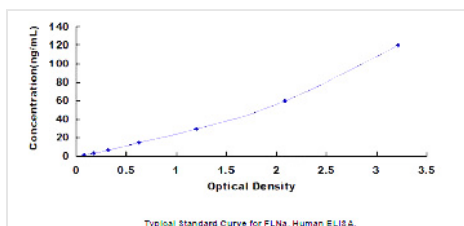
PRODUCT SYNONYMS

Filamin A Alpha (FLNa); Human Filamin A Alpha (FLNa) Mini Samples ELISA Kit; ABP280; FLN-A; ABPX; FLN; FLN1; FMD; MNS; NHBP; OPD; OPD1; OPD2; Actin Binding Protein 280; Endothelial actin-binding protein; Filamin-1; Non-muscle filamin; FLNa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FLNa. No significant cross-reactivity or interference between FLNa and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between FLNa and all the analogues, therefore, cross reaction may still exist.
Sequence Length	2647
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.88-120ng/mL
Sensitivity	0.69ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FLNa were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FLNa were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLNa elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FLNa in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to FLNa. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to FLNa. 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 FLNa, 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 FLNa in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for FLNa elisa kit	Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	160420317
NCBI GeneID	2316
NCBI Accession #	NP_001104026.1
NCBI GenBank Nucleotide #	NM_001110556.1
UniProt Accession #	P21333; Q5HY53; Q5HY55; Q8NF52; E9KL45
Molecular Weight	280,018 Da
NCBI Official Full Name	filamin-A isoform 2
NCBI Official Synonym Full Names	filamin A
NCBI Official Symbol	FLNA
NCBI Official Synonym Symbols	FLN; FMD; MNS; OPD; ABPX; CSBS; CVD1; FLN1; NHBP; OPD1; OPD2; XLVD; XMVD; FLN-A; ABP-280
NCBI Protein Information	filamin-A
UniProt Protein Name	Filamin-A
UniProt Gene Name	FLNA
UniProt Synonym Gene Names	FLN; FLN1; FLN-A; ABP-280

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.