



Human Filamin-A(FLNA) ELISA kit

Product Code	CSB-EL008724HU
Abbreviation	FLNA
Target Name	filamin A, alpha (actin binding protein 280)
Uniprot No.	P21333
Alias	XX-FW83128A1.1, ABP-280, ABPX, DKFZp434P031, FLN, FLN1, FMD, MNS, NHBP, OPD, OPD1, OPD2, actin binding protein 280 endothelial actin-binding protein filamin 1 non-muscle filamin
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	18.75 pg/mL-1200 pg/mL
Sensitivity	4.68 pg/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Signal Transduction
Gene Names	FLNA
Tag Info	quantitative
Protein Description	Sandwich
Description	This Human FLNA ELISA Kit was designed for the quantitative measurement of Human FLNA protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 18.75 pg/mL-1200 pg/mL and the sensitivity is 4.68 pg/mL.
Product Precision	Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<10% Three samples of known concentration were tested in twenty assays to assess.
Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of human FLNA in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. ? Sample Serum(n=4)



1:5	Average %	95
	Range %	91-104
1:10	Average %	89
	Range %	87-93
1:20	Average %	98
	Range %	93-102
1:40	Average %	90
	Range %	87-94

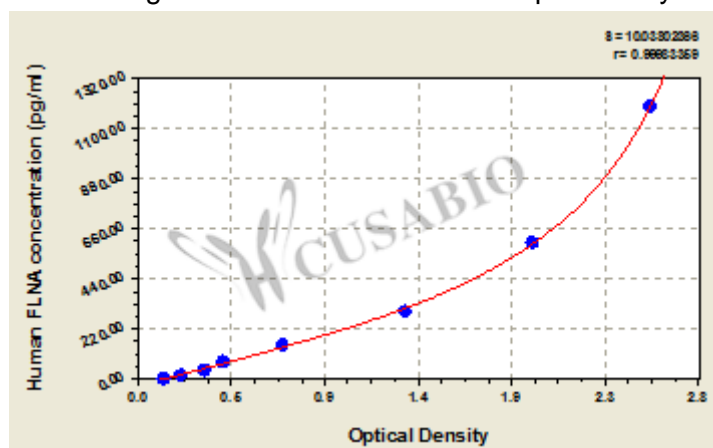
Recovery

The recovery of human FLNA spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Sample Type	Average % Recovery	Range
Serum (n=5)	96	92-101
EDTA plasma (n=4)	98	90-104

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



pg/ml	OD1	OD2	Average	Corrected
1200	2.592	2.492	2.542	2.401
600	2.012	1.912	1.962	1.821
300	1.383	1.283	1.333	1.192
150	0.729	0.719	0.724	0.583
75	0.436	0.426	0.431	0.290
37.5	0.344	0.334	0.339	0.198
18.75	0.228	0.218	0.223	0.082
0	0.142	0.140	0.141	?

Msds

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