

Human Filamin C, Gamma ELISA Kit | FLNC elisa kit

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CATALOG #
AAA82550

REACTIVITY
Human

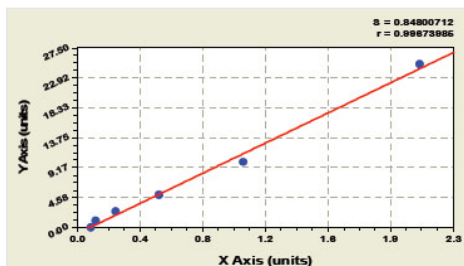
PRODUCT SYNONYMS

Filamin C; Gamma; Human Filamin C; Gamma ELISA Kit; FLNC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This FLNC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FLNC. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLNC elisa kit

Principle of the assay: FLNC ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for FLNC. Standards or samples are then added to the microtiter plate wells and FLNC if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of FLNC present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for FLNC are added to each well to "sandwich" the FLNC 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 FLNC 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 FLNC concentration in each sample is interpolated from this standard curve.

Product Categories/Family for FLNC elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	124487139
NCBI GeneID	68794
NCBI Accession #	NP_001074654.1
NCBI GenBank Nucleotide #	NM_001081185.1
Molecular Weight	287,365 Da
NCBI Official Full Name	filamin-C
NCBI Official Synonym Full Names	filamin C, gamma
NCBI Official Symbol	FlnC
NCBI Official Synonym Symbols	ABPL; Fln2; ABP-280; 1110055E19Rik
NCBI Protein Information	filamin-C; ABP-L; FLN-C; filamin-2; gamma-filamin; filamin, gamma; ABP-280-like protein; actin binding protein 280; actin-binding protein 280; actin-binding-like protein
UniProt Protein Name	Filamin-C
UniProt Gene Name	FlnC
UniProt Synonym Gene Names	Abpl; Fln2; FLN-C
UniProt Entry Name	FLNC_MOUSE

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/flnc-human-elisa-kits/filamin-c-gamma/82550>