

Rat Filamin B, Beta ELISA Kit | FLNB elisa kit

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CATALOG #
AAA84146

REACTIVITY
Rat

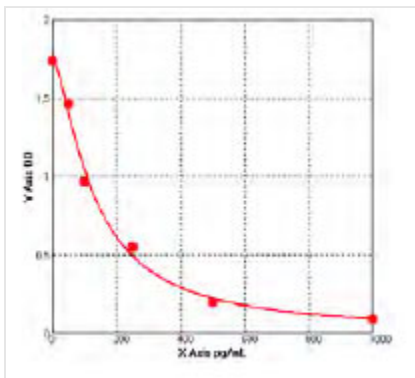
PRODUCT SYNONYMS

Filamin B; Beta; Rat Filamin B; Beta ELISA Kit; FLNB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FLNB elisa kit

Intended Uses: This FLNB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit FLNB. This ELISA kit for research use only!

Principle of the Assay: FLNB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-FLNB antibody and an FLNB-HRP conjugate. The assay sample and buffer are incubated together with FLNB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FLNB concentration since FLNB from samples and FLNB-HRP conjugate compete for the anti-FLNB antibody binding site. Since the number of sites is limited, as more sites are occupied by FLNB from the sample, fewer sites are left to bind FLNB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FLNB concentration in each sample is interpolated from this standard curve.

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, 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; filamin-3; beta-filamin; ABP-280 homolog; filamin homolog 1; thyroid autoantigen; actin binding protein 278; actin-binding-like protein; Larsen syndrome 1 (autosomal dominant)
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.