

## Human Filamin A, Alpha ELISA Kit | FLNa elisa kit

Human Filamin A, Alpha ELISA Kit

CATALOG #  
**AAA87182**

REACTIVITY  
**Human**

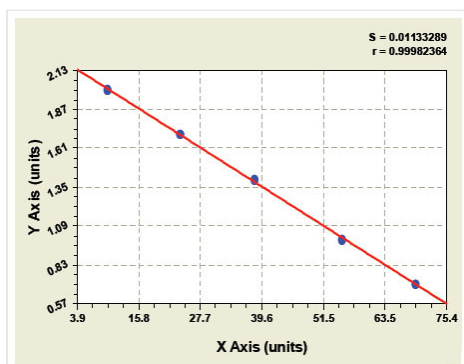
### PRODUCT SYNONYMS

Filamin A; Alpha; Human Filamin A; Alpha ELISA Kit; FLNa elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Human                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Detection Range         | 0.5-10ng/mL                                                                |
| Sensitivity             | 0.1ng/mL                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Related Product Information for FLNa elisa kit | <p><b>For Samples:</b> Serum, plasma, cell culture supernatants, body fluid and tissue homogenate</p> <p><b>Intended Uses:</b> This FLNa ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human FLNa. This ELISA kit for research use only!</p> <p><b>Principle of the Assay:</b> FLNa ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FLNa antibody and an FLNa-HRP conjugate. The assay sample and buffer are incubated together with FLNa-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 FLNa concentration since FLNa from samples and FLNa-HRP conjugate compete for the anti-FLNa antibody binding site. Since the number of sites is limited, as more sites are occupied by FLNa from the sample, fewer sites are left to bind FLNa-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FLNa concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for FLNa elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

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|-----------|-----------|
| NCBI GI # | 150171071 |
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**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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