

## Mouse Fibrillarin ELISA Kit | Fb elisa kit

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CATALOG #  
**AAA82119**

REACTIVITY  
**Mouse**

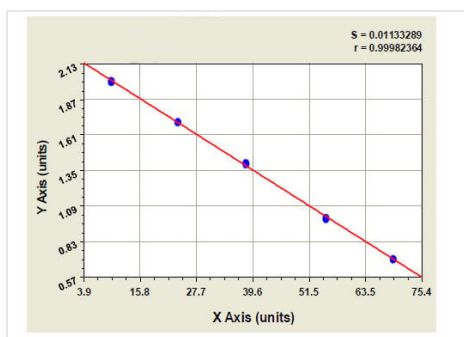
### PRODUCT SYNONYMS

Fibrillarin; Mouse Fibrillarin ELISA Kit; Fb elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                          |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                     |
| Assay Type              | Competitive                                                                                                                                                                                    |
| Sensitivity             | 1.0 ng/mL.                                                                                                                                                                                     |
| Intended Uses           | This NFKB P65 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse NFKB P65. 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 Fb elisa kit

**Principle of the assay:** NFKB P65 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NFKB P65 antibody and an NFKB P65-HRP conjugate. The assay sample and buffer are incubated together with NFKB P65-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 NFKB P65 concentration since NFKB P65 from samples and NFKB P65-HRP conjugate compete for the anti-NFKB P65 antibody binding site. Since the number of sites is limited, as more sites are occupied by NFKB P65 from the sample, fewer sites are left to bind NFKB P65-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NFKB P65 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for Fb elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 48146255                                                                                                                                                                                               |
| NCBI GeneID                      | 2091                                                                                                                                                                                                   |
| UniProt Accession #              | P22087; O75259; Q6IAT5; Q9UPI6; B5BUE8                                                                                                                                                                 |
| Molecular Weight                 | 33,784 Da                                                                                                                                                                                              |
| NCBI Official Full Name          | FBL                                                                                                                                                                                                    |
| NCBI Official Synonym Full Names | fibrillarin                                                                                                                                                                                            |
| NCBI Official Symbol             | FBL                                                                                                                                                                                                    |
| NCBI Official Synonym Symbols    | FIB; FLRN; RNU3IP1                                                                                                                                                                                     |
| NCBI Protein Information         | rRNA 2'-O-methyltransferase fibrillarin; 34-kD nucleolar scleroderma antigen; histone-glutamine methyltransferase; 34 kDa nucleolar scleroderma antigen; RNA, U3 small nucleolar interacting protein 1 |
| UniProt Protein Name             | rRNA 2'-O-methyltransferase fibrillarin                                                                                                                                                                |
| UniProt Gene Name                | FBL                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | FIB1; FLRN                                                                                                                                                                                             |
| UniProt Entry Name               | FBRL_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.

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