

## Mouse Prefoldin subunit 5 (PFDN5) ELISA Kit | PFDN5 elisa kit

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CATALOG #  
**AAA245231**

REACTIVITY  
**Mouse**

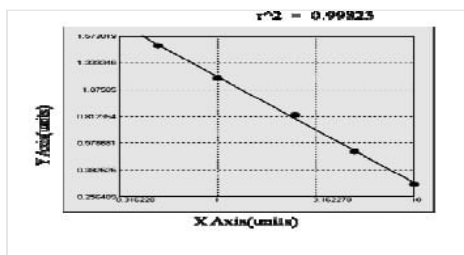
### PRODUCT SYNONYMS

Prefoldin subunit 5 (PFDN5); Mouse Prefoldin subunit 5 (PFDN5) ELISA Kit; PFDN5 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                      |
| 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

#### Related Product Information for PFDN5 elisa kit

**Intended Uses:** This PFDN5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PFDN5. This ELISA kit for research use only!

**Principle of the Assay:** PFDN5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PFDN5 antibody and an PFDN5-HRP conjugate. The assay sample and buffer are incubated together with PFDN5-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 PFDN5 concentration since PFDN5 from samples and PFDN5-HRP conjugate compete for the anti-PFDN5 antibody binding site. Since the number of sites is limited, as more sites are occupied by PFDN5 from the sample, fewer sites are left to bind PFDN5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PFDN5 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for PFDN5 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 27807413                         |
| NCBI GeneID                      | 282848                           |
| NCBI Accession #                 | NP_777157.1                      |
| NCBI GenBank Nucleotide #        | NM_174732.2                      |
| Molecular Weight                 | 17,385 Da                        |
| NCBI Official Full Name          | prefoldin subunit 5              |
| NCBI Official Synonym Full Names | prefoldin subunit 5<             |
| NCBI Official Symbol             | PFDN5                            |
| NCBI Protein Information         | prefoldin subunit 5; prefoldin 5 |
| UniProt Protein Name             | Prefoldin subunit 5              |
| UniProt Gene Name                | <b>PFDN5</b>                     |
| UniProt Entry Name               | PFD5_BOVIN                       |

**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/mouse-elisa-kits/prefoldin-subunit-5-pfdn5/245231>