

## Bovine Profilin-1 ELISA Kit | PFN1 elisa kit

Bovine Profilin-1 ELISA Kit

CATALOG #  
**AAA190628**

REACTIVITY  
**Bovine**

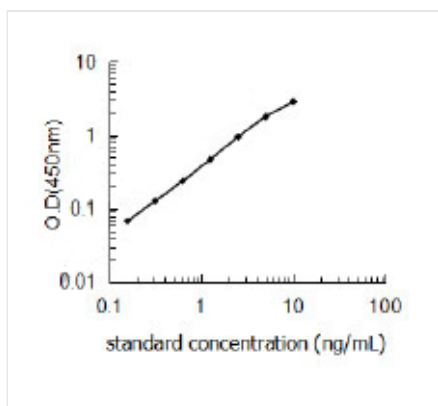
### PRODUCT SYNONYMS

Profilin-1; Bovine Profilin-1 ELISA Kit; Profilin I; PFN1; PFN1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                |
| Specificity             | Recombinant and natural Bovine Profilin-1                                             |
| Sequence Length         | 140                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.156-10 ng/mL                                                                        |
| Sensitivity             | < 0.059 ng/mL                                                                         |
| Intra-assay Precision   | <=5.6%                                                                                |
| Inter-assay Precision   | <=8.4%                                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PFN1 elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

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|---------------------------|------------------------|
| NCBI GI #                 | 62751593               |
| NCBI GeneID               | 513895                 |
| NCBI Accession #          | NP_001015592.1         |
| NCBI GenBank Nucleotide # | NM_001015592.1         |
| UniProt Accession #       | P02584; Q3ZCH4; Q5E942 |
| Molecular Weight          | 15,057 Da              |
| NCBI Official Full Name   | profilin-1             |
| NCBI Official Symbol      | PFN1                   |
| NCBI Protein Information  | profilin-1             |
| UniProt Protein Name      | Profilin-1             |
| UniProt Gene Name         | PFN1                   |
| UniProt Entry Name        | PROF1_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.