

## Human Profilin-2 ELISA Kit | PFN2 elisa kit

Human Profilin-2 ELISA Kit

CATALOG #  
**AAA99556**

REACTIVITY  
**Human**

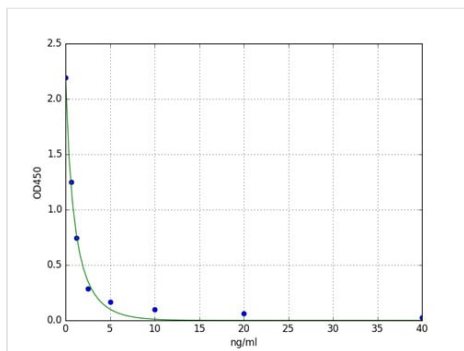
### PRODUCT SYNONYMS

Profilin-2; Human Profilin-2 ELISA Kit; PFN2/Profilin-2/Profilin II; PFN2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                        |
| Sequence Length         | 140                                                                                                                                                          |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 0.625-40ng/ml                                                                                                                                                |
| Sensitivity             | 0.375ng/ml                                                                                                                                                   |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

### IMAGES



Standard Curve (Sample)

#### Typical Data & Standard Curve

Results of a typical standard run of a Human PFN2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

| X | ng/ml | 0     | 0.625 | 1.25  | 2.5   | 5     | 10    | 20    | 40    |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Y | OD450 | 2.188 | 1.826 | 1.555 | 1.219 | 0.894 | 0.606 | 0.436 | 0.352 |

Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PFN2 elisa kit

**Principle of the Assay**||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human PFN2. During the reaction, Human PFN2 in the sample or standard competes with a fixed amount of biotin-labeled Human PFN2 for sites on a pre-coated Monoclonal antibody specific to Human PFN2. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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. The concentration of Human PFN2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

NCBI GI #

197102392

|                               |                                |
|-------------------------------|--------------------------------|
| NCBI GeneID                   | <a href="#">100173558</a>      |
| NCBI Accession #              | <a href="#">NP_001126567.1</a> |
| NCBI GenBank Nucleotide #     | <a href="#">NM_001133095.1</a> |
| Molecular Weight              | 15,088 Da                      |
| NCBI Official Full Name       | profilin-2                     |
| NCBI Official Symbol          | PFN2                           |
| NCBI Official Synonym Symbols | Profilin-2                     |
| NCBI Protein Information      | profilin-2                     |
| UniProt Protein Name          | Profilin-2                     |
| UniProt Gene Name             | <b>PFN2</b>                    |
| UniProt Entry Name            | PROF2_PONAB                    |

**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/pfn2-human-elisa-kits/profilin-2/99556>