

## Mouse PEDF (Pigment Epithelium Derived Factor) ELISA Kit | PEDF elisa kit

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CATALOG #  
**AAA278332**

REACTIVITY  
**Mouse**

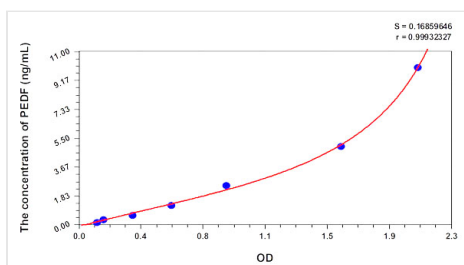
### PRODUCT SYNONYMS

PEDF (Pigment Epithelium Derived Factor); Mouse PEDF (Pigment Epithelium Derived Factor) ELISA Kit; SERPINF1; EPC1; PIG35; SDF3; Serpin F1; Cell proliferation-inducing gene 35; Serpin Peptidase Inhibitor; Clade F Member 1(Alpha-2 Antiplasmin); Stromal Cell Derived Factor 3; PEDF elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------|
| Reactivity      | Mouse                                                                                                |
| Assay Type      | Sandwich                                                                                             |
| Samples         | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |
| Detection Range | 0.16-10ug/mL                                                                                         |
| Sensitivity     | 0.055ug/mL                                                                                           |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for PEDF elisa kit

**Test Principle:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse PEDF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse PEDF. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse PEDF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse PEDF in the samples is then determined by comparing the OD of the samples to the standard curve.

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

Cytokine; Neuro science

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 117606335 |
| NCBI GeneID | 20317     |

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_035470.3</a>                                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_011340.3</a>                                              |
| UniProt Accession #              | <a href="#">P97298</a> ; <a href="#">O70629</a> ; <a href="#">O88691</a> |
| Molecular Weight                 | 46,234 Da                                                                |
| NCBI Official Full Name          | pigment epithelium-derived factor                                        |
| NCBI Official Synonym Full Names | serine (or cysteine) peptidase inhibitor, clade F, member 1              |
| NCBI Official Symbol             | Serpinf1                                                                 |
| NCBI Official Synonym Symbols    | Pedf; Sdf3; EPC-1; Pedfl; AI195227                                       |
| NCBI Protein Information         | pigment epithelium-derived factor                                        |
| UniProt Protein Name             | Pigment epithelium-derived factor                                        |
| UniProt Gene Name                | <b>Serpinf1</b>                                                          |
| UniProt Synonym Gene Names       | Pedf; Sdf3; PEDF; SDF-3                                                  |

**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://www.aaabiotech.com/mouse-elisa-kits/pedf-pigment-epithelium-derived-factor/278332>