

## Mouse Pleiotrophin ELISA Kit | Ptn elisa kit

Mouse Pleiotrophin ELISA Kit

CATALOG #  
**AAA193701**

REACTIVITY  
**Mouse**

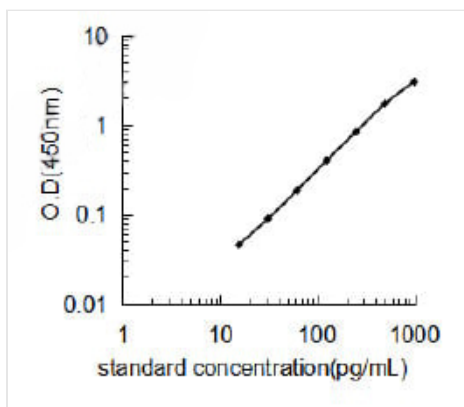
### PRODUCT SYNONYMS

Pleiotrophin; Mouse Pleiotrophin ELISA Kit; PTN; Heparin-binding brain mitogen; HBBM; Heparin-binding growth factor 8; HBGF-8; Heparin-binding growth-associated molecule; HB-GAM; Heparin-binding neutrophilic factor; HBNF; Ptn elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                 |
| Specificity             | Recombinant and natural Mouse Pleiotrophin,PTN                                        |
| Sequence Length         | 168                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 15.6-1000 pg/mL                                                                       |
| Sensitivity             | < 8.14 pg/mL                                                                          |
| Intra-assay Precision   | <=4.2%                                                                                |
| Inter-assay Precision   | <=5.9%                                                                                |
| 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 Ptn elisa kit | <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> <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> |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 6679543                                            |
| NCBI GeneID                      | 19242                                              |
| NCBI Accession #                 | NP_032999.1                                        |
| NCBI GenBank Nucleotide #        | NM_008973.2                                        |
| UniProt Accession #              | P63089; P20935                                     |
| Molecular Weight                 | 18,869 Da                                          |
| NCBI Official Full Name          | pleiotrophin                                       |
| NCBI Official Synonym Full Names | pleiotrophin                                       |
| NCBI Official Symbol             | Ptn                                                |
| NCBI Official Synonym Symbols    | OSF; HARP; HBBN; HBNF; Osf1; Osf-1; HB-GAM; HBGF-8 |
| NCBI Protein Information         | pleiotrophin                                       |
| UniProt Protein Name             | Pleiotrophin                                       |
| UniProt Gene Name                | Ptn                                                |
| UniProt Synonym Gene Names       | PTN; HBBM; HBGF-8; HB-GAM; HBNF; OSF-1             |
| UniProt Entry Name               | PTN_MOUSE                                          |

**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/ptn-mouse-elisa-kits/pleiotrophin/193701>