

## Mouse Platelet Derived Growth Factor BB ELISA Kit | PDGF.BB elisa kit

Mouse Platelet Derived Growth Factor BB ELISA Kit

CATALOG #  
**AAA82410**

REACTIVITY  
**Mouse**

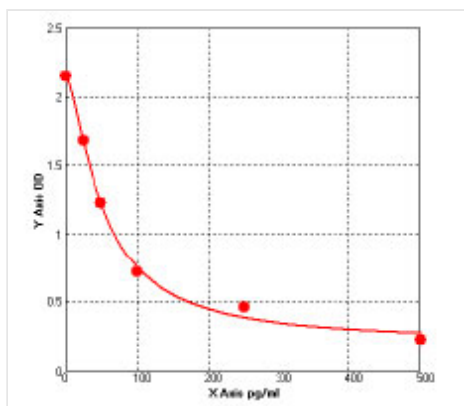
### PRODUCT SYNONYMS

Platelet Derived Growth Factor BB; Mouse Platelet Derived Growth Factor BB ELISA Kit; PDGF.BB elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of PDGFBB. No significant cross-reactivity or interference between PDGFBB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PDGFBB and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                     |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                       |
| Sensitivity             | 1.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                            |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PDGF.BB elisa kit | <p>Intended Uses: This PDGFBB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PDGFBB. This ELISA kit for research use only!</p> <p>Principle of the Assay: PDGFBB ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PDGFBB antibody and an PDGFBB-HRP conjugate. The assay sample and buffer are incubated together with PDGFBB-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 PDGFBB concentration since PDGFBB from samples and PDGFBB-HRP conjugate compete for the anti-PDGFBB antibody binding site. Since the number of sites is limited, as more sites are occupied by PDGFBB from the sample, fewer sites are left to bind PDGFBB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDGFBB concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for PDGF.BB elisa kit   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                         |                                   |
|-------------------------|-----------------------------------|
| NCBI GI #               | 35377                             |
| UniProt Accession #     | A2NWD3                            |
| Molecular Weight        | 18,237 Da                         |
| NCBI Official Full Name | platelet-derived growth factor-BB |
| UniProt Protein Name    | Platelet-derived growth factor-BB |
| UniProt Entry Name      | A2NWD3_HUMAN                      |

**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/pdgf-bb-mouse-elisa-kits/platelet-derived-growth-factor-bb/82410>