

Mouse Platelet Derived Growth Factor BB (PDGF BB) ELISA Kit | PDGFBB elisa kit

Mouse Platelet Derived Growth Factor BB (PDGF BB) Mini Samples ELISA Kit

CATALOG # AAA188709	REACTIVITY Mouse	APPLICATIONS ELISA
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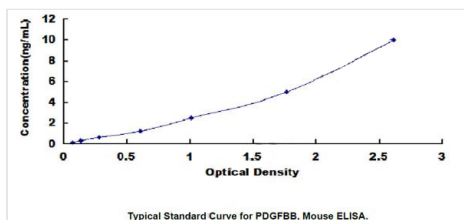
PRODUCT SYNONYMS

Platelet Derived Growth Factor BB (PDGF BB); Mouse Platelet Derived Growth Factor BB (PDGF BB) Mini Samples ELISA Kit; Platelet Derived Growth Factor BB; PDGF-BB; PDGFBB 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.
Sequence Length	241
Assay Type	Quantitative Sandwich
Samples	Mouse serum and platelet-poor plasma
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Applicable Applications for PDGFBB elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PDGFBB were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PDGFBB were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFBB elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to PDGFBB. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to PDGFBB. 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 PDGFBB, 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 PDGFBB in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PDGFBB in mouse serum and platelet-poor plasma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40538817
NCBI GeneID	18591
NCBI Accession #	NP_035187.2
NCBI GenBank Nucleotide #	NP_035187.2
UniProt Accession #	P31240
NCBI Official Full Name	platelet-derived growth factor subunit B
NCBI Official Synonym Full Names	platelet derived growth factor, B polypeptide
NCBI Official Symbol	Pdgfb
NCBI Official Synonym Symbols	Sis; c-sis; PDGF-2; PDGF-B
NCBI Protein Information	platelet-derived growth factor subunit B
UniProt Protein Name	Platelet-derived growth factor subunit B
UniProt Gene Name	Pdgfb
UniProt Synonym Gene Names	Sis; PDGF subunit B
UniProt Entry Name	PDGFB_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://www.aaabiotech.com/pdgfb-mouse-elisa-kits/platelet-derived-growth-factor-bb-pdgf-bb/188709>