

Mouse platelet derived growth factor DD ELISA Kit | PDGF-DD elisa kit

Mouse Platelet-derived growth factor DD, PDGF-DD ELISA Kit

CATALOG #
AAA112672

REACTIVITY
Mouse

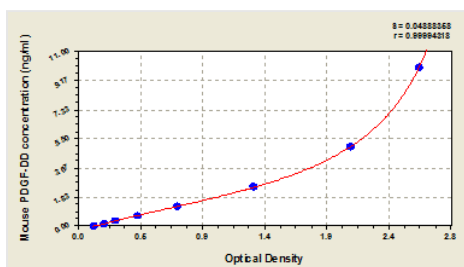
PRODUCT SYNONYMS

platelet derived growth factor DD; Mouse Platelet-derived growth factor DD; PDGF-DD ELISA Kit; Mouse Platelet-derived growth factor DD (PDGF-DD) ELISA kit; PDGF-DD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PDGF-DD. No significant cross-reactivity or interference between mouse PDGF-DD and analogues was observed.
Sequence Length	370
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.156 ng/ml -10 ng/ml.
Sensitivity	0.039 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGF-DD elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PDGF-DD has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDGF-DD present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PDGF-DD is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PDGF-DD bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27229137
NCBI GeneID	71785
NCBI Accession #	NP_082200.1
NCBI GenBank Nucleotide #	NM_027924.2
UniProt Accession #	Q925I7; Q3URF6; Q8K2L3; Q9D1L8
Molecular Weight	42,809 Da
NCBI Official Full Name	platelet-derived growth factor D
NCBI Official Synonym Full Names	platelet-derived growth factor, D polypeptide
NCBI Official Symbol	Pdgfd
NCBI Official Synonym Symbols	1110003109Rik
NCBI Protein Information	platelet-derived growth factor D; PDGF-D; SCDGF-B; spinal cord-derived growth factor B
UniProt Protein Name	Platelet-derived growth factor D
UniProt Gene Name	Pdgfd
UniProt Synonym Gene Names	Scdgfb; PDGF-D; SCDGF-B; PDGFD latent form; PDGFD receptor-binding form
UniProt Entry Name	PDGFD_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/pdgf-dd-mouse-elisa-kits/platelet-derived-growth-factor-dd/112672>