

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

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

CATALOG # AAA112498	REACTIVITY Human
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PDGF-DD. No significant cross-reactivity or interference between human PDGF-DD and analogues was observed.
Sequence Length	370
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 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.

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 #	13376808
NCBI GeneID	80310
NCBI Accession #	NP_079484.1
NCBI GenBank Nucleotide #	NM_025208.4
UniProt Accession #	Q9GZP0 ; Q9BWV5 ; A8K9T6

Molecular Weight	42,848 Da
NCBI Official Full Name	platelet-derived growth factor D isoform 1
NCBI Official Synonym Full Names	platelet derived growth factor D
NCBI Official Symbol	PDGFD
NCBI Official Synonym Symbols	IEGF; SCDGFB; MSTP036; SCDGF-B
NCBI Protein Information	platelet-derived growth factor D; PDGF-D; iris-expressed growth factor; spinal cord derived growth factor B; spinal cord-derived growth factor B; spinal cord-derived growth factor-B
UniProt Protein Name	Platelet-derived growth factor D
UniProt Gene Name	PDGFD
UniProt Synonym Gene Names	IEGF; SCDGFB; MSTP036; UNQ1899/PRO4345; PDGF-D; SCDGF-B; PDGFD latent form; PDGFD receptor-binding form
UniProt Entry Name	PDGFD_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-dd-human-elisa-kits/platelet-derived-growth-factor-dd/112498>