

Rat Platelet-derived growth factor D ELISA Kit | Pdgfd elisa kit

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CATALOG #
AAA192711

REACTIVITY
Rat

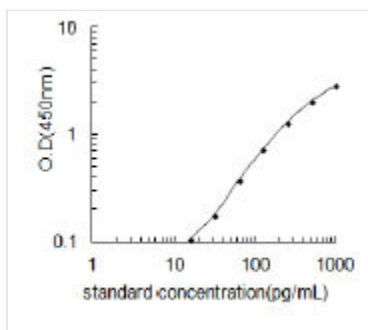
PRODUCT SYNONYMS

Platelet-derived growth factor D; Rat Platelet-derived growth factor D ELISA Kit; PDGF-D; Iris-expressed growth factor; Spinal cord-derived growth factor B; SCDGF-B; Pdgfd; legf; Scdgfb; Pdgfd elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Platelet-derived growth factor D,PDGF-D
Sequence Length	370
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	15.6-1000 pg/mL
Sensitivity	<8.04 pg/mL
Intra-assay Precision	Intra-Assay CV: <=5.2%
Inter-assay Precision	Inter-Assay CV: <=10.4%
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 Pdgfd elisa kit	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25742601
NCBI GeneID	66018
NCBI Accession #	NP_076452.1
NCBI GenBank Nucleotide #	NM_023962.2
UniProt Accession #	Q9EQT1
Molecular Weight	42,128 Da
NCBI Official Full Name	platelet-derived growth factor D
NCBI Official Synonym Full Names	platelet derived growth factor D
NCBI Official Symbol	Pdgfd
NCBI Official Synonym Symbols	Scdgfb; rSCDGF-B
NCBI Protein Information	platelet-derived growth factor D
UniProt Protein Name	Platelet-derived growth factor D
UniProt Gene Name	Pdgfd
UniProt Synonym Gene Names	legf; Scdgfb; PDGF-D; SCDGF-B; PDGFD latent form; PDGFD receptor-binding form
UniProt Entry Name	PDGFD_RAT

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/pdgfd-rat-elisa-kits/platelet-derived-growth-factor-d/192711>