

Rat platelet derived growth factor CC ELISA Kit | PDGF-CC elisa kit

Rat Platelet-derived growth factor CC, PDGF-CC ELISA Kit

CATALOG #
AAA112841

REACTIVITY
Rat

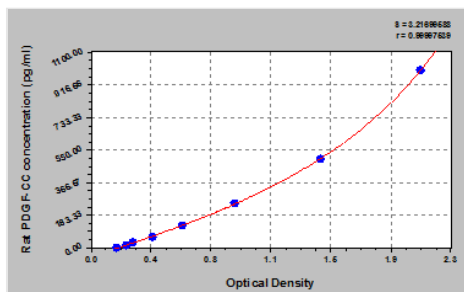
PRODUCT SYNONYMS

platelet derived growth factor CC; Rat Platelet-derived growth factor CC; PDGF-CC ELISA Kit; Rat Platelet-derived growth factor CC (PDGF-CC) ELISA kit; PDGF-CC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat PDGF-CC. No significant cross-reactivity or interference between rat PDGF-CC and analogues was observed.
Sequence Length	345
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 pg/ml -1000 pg/ml.
Sensitivity	The minimum detectable dose of rat PDGF-CC is typically less than 3.9 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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-CC elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PDGF-CC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PDGF-CC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PDGF-CC 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-CC 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 #	13786136
NCBI GeneID	79429
NCBI Accession #	NP_112607.1
NCBI GenBank Nucleotide #	NM_031317.1
UniProt Accession #	Q9EQX6; Q8K429
Molecular Weight	38,734 Da
NCBI Official Full Name	platelet-derived growth factor C
NCBI Official Synonym Full Names	platelet derived growth factor C
NCBI Official Symbol	Pdgfc
NCBI Official Synonym Symbols	SCDGF
NCBI Protein Information	platelet-derived growth factor C; PDGF-C; VEGF-E; rScdfg; fallotein; spinal cord-derived growth factor; platelet-derived growth factor, C polypeptide
UniProt Protein Name	Platelet-derived growth factor C
UniProt Gene Name	Pdgfc
UniProt Synonym Gene Names	Scdgf; PDGF-C; rScdfg; PDGFC latent form; PDGFC receptor-binding form
UniProt Entry Name	PDGFC_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.