

Mouse Platelet-derived growth factor C, PDGF-C ELISA Kit | PDGF-C elisa kit

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CATALOG #
AAA43507

REACTIVITY
Mouse

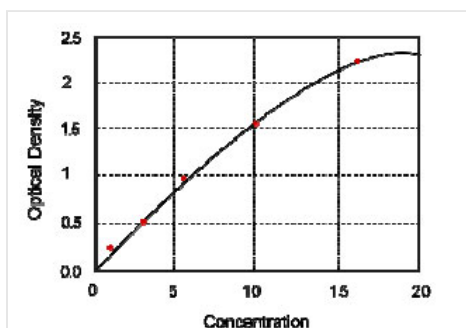
PRODUCT SYNONYMS

Platelet-derived growth factor C; PDGF-C; Mouse Platelet-derived growth factor C; PDGF-C ELISA Kit; PDGF-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	345
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 4000ng/L
Sensitivity	4.94ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGF-C elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Platelet-derived growth factor C (also known as PDGF-C) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse PDGF-C antibody. PDGF-C present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse PDGF-C Antibody is added and binds to PDGF-C in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PDGF-C antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse PDGF-C. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9994187
NCBI GeneID	56034
NCBI Accession #	NP_057289.1
NCBI GenBank Nucleotide #	NM_016205.2
UniProt Accession #	Q9NRA1; Q4W5M9; Q9UL22; B4DU34; B9EGR8
Molecular Weight	31,808 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; FALLOTEIN
NCBI Protein Information	platelet-derived growth factor C
UniProt Protein Name	Platelet-derived growth factor C
UniProt Gene Name	PDGFC
UniProt Synonym Gene Names	SCDGF; PDGF-C; SCDGF; PDGFC latent form; PDGFC receptor-binding form

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.