

Mouse Platelet Derived Growth Factor C ELISA Kit | PDGFC elisa kit

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CATALOG #
AAA100455

REACTIVITY
Mouse

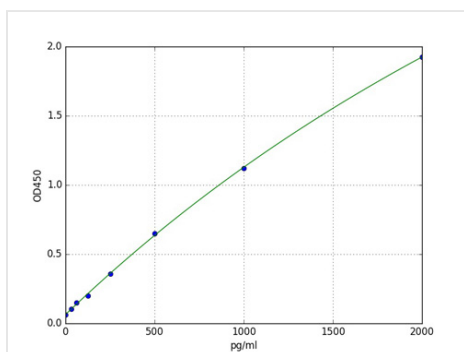
PRODUCT SYNONYMS

Platelet Derived Growth Factor C; Mouse Platelet Derived Growth Factor C ELISA Kit; PDGFC/FALLOTEIN/Fallotein/fallotein/PDGF-C/platelet derived growth factor C/platelet-derived growth factor C/SCDGFSpinal cord-derived growth factor/secretory growth factor-like protein; PDGFC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	345
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse PDGFC ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.004	0.068	0.126	0.232	0.449	0.927	1.542	2.033

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGFC elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse PDGFC antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse PDGFC antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse PDGFC amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse PDGFC can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9994187
NCBI GeneID	56034
NCBI Accession #	NP_057289.1
NCBI GenBank Nucleotide #	NM_016205.2
Molecular Weight	20,609 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
UniProt Entry Name	PDGFC_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://stage.aaabiotech.com/pdgc-mouse-elisa-kits/platelet-derived-growth-factor-c/100455>