

Rat Platelet Derived Growth Factor C ELISA Kit | PDGF-C elisa kit

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CATALOG #
AAA98947

REACTIVITY
Rat

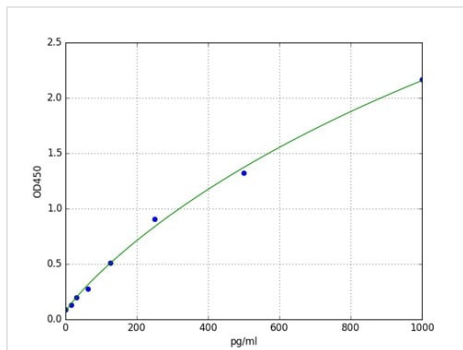
PRODUCT SYNONYMS

Platelet Derived Growth Factor C; Rat Platelet Derived Growth Factor C ELISA Kit; PDGF-C/PDGFC/FALLOTEIN/Fallotein/fallotein/PDGF-C/platelet derived growth factor C/platelet-derived growth factor C/SCDGF/Spinal cord-derived growth factor/secretory growth factor-like protein/VEGF-E; PDGF-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	345
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 Rat PDGF-C 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	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.010	0.042	0.072	0.124	0.323	0.572	1.207	2.179

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGF-C elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat PDGF-C antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat PDGF-C 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 Rat PDGF-C amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat PDGF-C 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/pdgf-c-rat-elisa-kits/platelet-derived-growth-factor-c/98947>