

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

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CATALOG #
AAA42336

REACTIVITY
Rat

PRODUCT SYNONYMS

platelet-derived growth factor; PDGF; Rat platelet-derived growth factor; PDGF ELISA Kit; PDGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	241
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.023ng/ml
Intra-Assay	CV<8%
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 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Platelet-Derived Growth Factor (also known as PDGF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat PDGF antibody. PDGF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat PDGF Antibody is added and binds to PDGF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PDGF 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 Rat PDGF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	338209
NCBI GeneID	5155
UniProt Accession #	P01127; P78431; Q15354; Q6FHE7; Q9UF23; G3XAG8
Molecular Weight	25,502 Da
NCBI Official Full Name	platelet-derived growth factor
NCBI Official Synonym Full Names	platelet derived growth factor subunit B
NCBI Official Symbol	PDGFB
NCBI Official Synonym Symbols	SIS; SSV; IBGC5; PDGF2; c-sis; PDGF-2
NCBI Protein Information	platelet-derived growth factor subunit B
UniProt Protein Name	Platelet-derived growth factor subunit B
UniProt Gene Name	PDGFB
UniProt Synonym Gene Names	PDGF2; SIS; PDGF subunit B

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/rat-elisa-kits/platelet-derived-growth-factor-pdgf/42336>