

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

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CATALOG #
AAA42530

REACTIVITY
Human

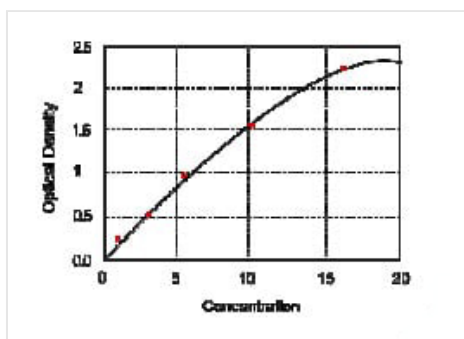
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	241
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml-40ng/ml
Sensitivity	0.053ng/ml
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 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Platelet Membrane Glycoprotein IIBIIIA (also known as GP-IIBIIIA) 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 human GP-IIBIIIA antibody. GP-IIBIIIA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GP-IIBIIIA Antibody is added and binds to GP-IIBIIIA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GP-IIBIIIA 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 human GP-IIBIIIA. 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 #	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.