

Mouse Platelet-Derived Growth Factor-B, PDGF-B ELISA Kit | PDGF-B elisa kit

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CATALOG #
AAA43579

REACTIVITY
Mouse

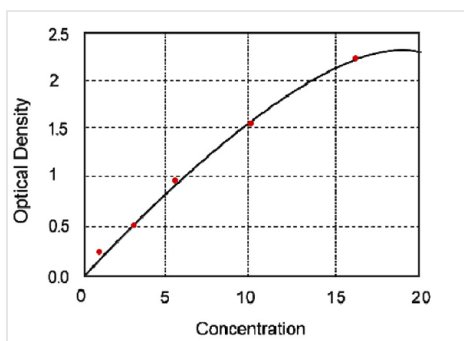
PRODUCT SYNONYMS

Platelet-Derived Growth Factor-B; PDGF-B; Mouse Platelet-Derived Growth Factor-B; PDGF-B ELISA Kit; PDGF-B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	226
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-600ng/L
Sensitivity	3.21ng/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-B elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse PDGF-B antibody. PDGF-B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse PDGF-B Antibody is added and binds to PDGF-B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PDGF-B 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-B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Platelet-Derived Growth Factor-B (also known as PDGF-B) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15451786
NCBI GeneID	5155
NCBI Accession #	NP_148937.1
NCBI GenBank Nucleotide #	NM_033016.3
UniProt Accession #	P01127; P78431; Q15354; Q6FHE7; Q9UF23; G3XAG8
Molecular Weight	25,502 Da
NCBI Official Full Name	platelet-derived growth factor subunit B isoform 2
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/mouse-elisa-kits/platelet-derived-growth-factor-b-pdgf-b/43579>