

Bovine Platelet-derived Growth Factor ELISA Kit | PDGFB elisa kit

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CATALOG #
AAA122940

REACTIVITY
Bovine

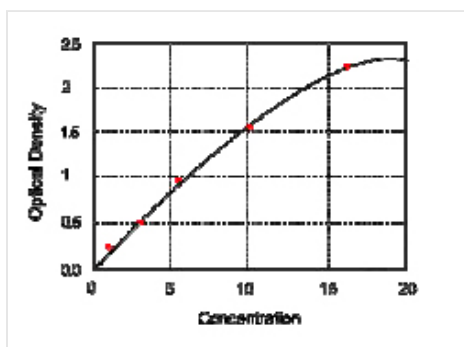
PRODUCT SYNONYMS

Platelet-derived Growth Factor; Bovine Platelet-derived Growth Factor ELISA Kit; PDGFB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
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	0.024ng/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 PDGFB elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Bovine Placenta Growth Factor (also known as PGF) 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 Bovine PGF antibody. PGF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Bovine PGF Antibody is added and binds to PGF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PGF 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 Bovine PGF. 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
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

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/bovine-ovine-elisa-kits/platelet-derived-growth-factor/122940>