

Canine Platelet-derived growth factor (PDGF) ELISA Kit | PDGF elisa kit

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CATALOG #
AAA122359

REACTIVITY
Canine

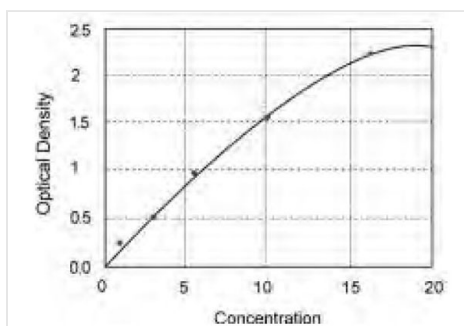
PRODUCT SYNONYMS

Platelet-derived growth factor (PDGF); Canine platelet-derived growth factor (PDGF) ELISA Kit; PDGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	53
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-2000ng/L
Sensitivity	2.46ng/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 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine PDGF antibody. PDGF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine 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 Canine PDGF. 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 Canine Platelet-derived growth factor (also known as PDGF) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	385595
NCBI GeneID	5154
Molecular Weight	22,253 Da
NCBI Official Full Name	platelet-derived growth factor A-chain, partial
NCBI Official Synonym Full Names	platelet derived growth factor subunit A
NCBI Official Symbol	PDGFA
NCBI Official Synonym Symbols	PDGF1; PDGF-A
NCBI Protein Information	platelet-derived growth factor subunit A
UniProt Protein Name	Platelet-derived growth factor subunit A
UniProt Gene Name	PDGFA
UniProt Synonym Gene Names	PDGF1; PDGF subunit A

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/canine-elisa-kits/platelet-derived-growth-factor-pdgf/122359>