

Canine Platelet Derived Growth Factor BB ELISA Kit | PDGF.BB elisa kit

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CATALOG #
AAA89463

REACTIVITY
Canine

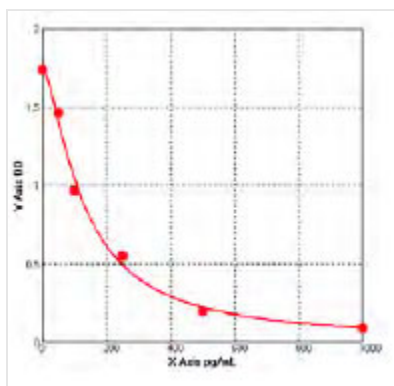
PRODUCT SYNONYMS

Platelet Derived Growth Factor BB; Canine Platelet Derived Growth Factor BB ELISA Kit; PDGF.BB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PDGF.BB elisa kit

Intended Uses: This PDGF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit PDGF. This ELISA kit for research use only!

Principle of the Assay: PDGF ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PDGF antibody and an PDGF-HRP conjugate. The assay sample and buffer are incubated together with PDGF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PDGF concentration since PDGF from samples and PDGF-HRP conjugate compete for the anti-PDGF antibody binding site. Since the number of sites is limited, as more sites are occupied by PDGF from the sample, fewer sites are left to bind PDGF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDGF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for
PDGF.BB elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	35377
UniProt Accession #	A2NWD3
Molecular Weight	18,237 Da
NCBI Official Full Name	platelet-derived growth factor-BB
UniProt Protein Name	Platelet-derived growth factor-BB
UniProt Entry Name	A2NWD3_HUMAN

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://www.aaabiotech.com/pdgf-bb-canine-elisa-kits/platelet-derived-growth-factor-bb/89463>