

Bovine Platelet Derived Growth Factor BB ELISA Kit | PDGF-BB elisa kit

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CATALOG #
AAA16915

REACTIVITY
Bovine

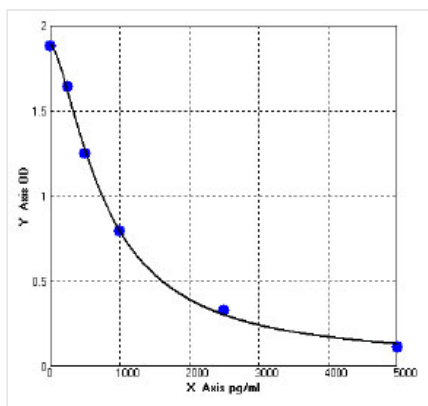
PRODUCT SYNONYMS

Platelet Derived Growth Factor BB; Bovine Platelet Derived Growth Factor BB ELISA Kit; PDGF-BB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of PDGF-BB. No significant cross-reactivity or interference between PDGF-BB and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PDGF-BB and all the analogues, therefore, cross reaction may still exist in some cases.
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-BB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine PDGF-BB. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: PDGF-BB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PDGF-BB antibody and an PDGF-BB-HRP conjugate. The assay sample and buffer are incubated together with PDGF-BB-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-BB concentration since PDGF-BB from samples and PDGF-BB-HRP conjugate compete for the anti-PDGF-BB antibody binding site. Since the number of sites is limited, as more sites are occupied by PDGF-BB from the sample, fewer sites are left to bind PDGF-BB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDGF-BB 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://stage.aaabiotech.com/pdgf-bb-bovine-ovine-elisa-kits/platelet-derived-growth-factor-bb/16915>