

Bovine platelet-derived growth factor-BB ELISA Kit | PDGF-BB elisa kit

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CATALOG #
AAA88088

REACTIVITY
Bovine

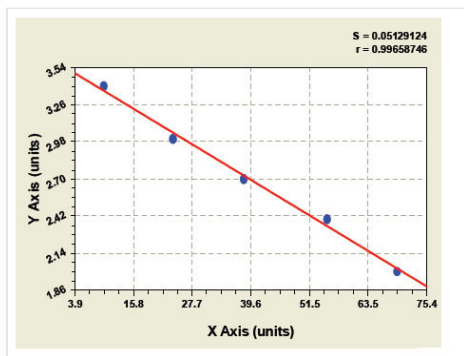
PRODUCT SYNONYMS

platelet-derived growth factor-BB; Bovine platelet-derived growth factor-BB ELISA Kit; PDGF-BB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	161
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
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 applications!
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

Principle of the Assay: PDGF-BB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pdggf-bb-bovine-ovine-elisa-kits/platelet-derived-growth-factor-bb/88088>