

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

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CATALOG #
AAA90308

REACTIVITY
Sheep

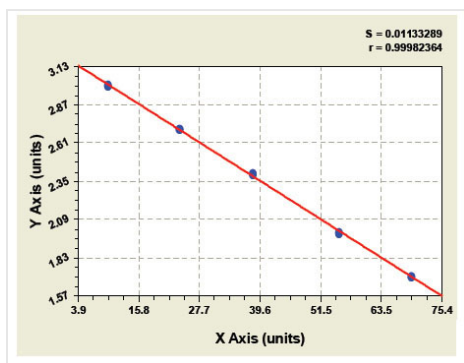
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	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

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This PDGFBB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep PDGFBB. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY PDGFBB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PDGFBB antibody and an PDGFBB-HRP conjugate. The assay sample and buffer are incubated together with PDGFBB-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 PDGFBB concentration since PDGFBB from samples and PDGFBB-HRP conjugate compete for the anti-PDGFBB antibody binding site. Since the number of sites is limited, as more sites are occupied by PDGFBB from the sample, fewer sites are left to bind PDGFBB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PDGFBB 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.

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Online datasheet: <https://stage.aaabiotech.com/pdgg-bb-sheep-elisa-kits/platelet-derived-growth-factor-bb/90308>