

Porcine Platelet Derived Growth Factor Subunit B(PDGFB) ELISA Kit-Sandwich

Cat. No.: EK12F804

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Platelet Derived Growth Factor Subunit B(PDGFB) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Platelet Derived Growth Factor Subunit B(PDGFB) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Porcine PDGFB.
Target Species	Swine
Species Reactivity	Swine
Detection Range	46.875-3000 pg/mL
Sensitivity	28.125 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 270 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Platelet Derived Growth Factor Subunit B is encoded by the *PDGFB* gene in pigs. PDGF-B is a dimeric glycoprotein composed of two subunits: PDGF-BB and PDGF-AB. PDGF-B is a potent mitogen for cells of mesenchymal origin, including: fibroblasts, smooth muscle cells, and glial cells. PDGFB is a protein that acts as a mitogen and chemoattractant for smooth muscle cells *in vitro*.

Target/Biomarker	Porcine PDGFB
Target Synonym	PDGFB; B chain; Becaplermin; FLJ12858; PDGF subunit B; PDGF2; PDGF-2; platelet-derived growth factor 2; Platelet-derived growth factor beta polypeptide; platelet-derived growth factor subunit B; platelet-derived growth factor; B chain
Gene ID	100626465

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.