

Bovine Prostacyclin (PGI₂) ELISA Kit-Competitive

Cat. No.: EK1F885

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Bovine Prostacyclin (PGI₂) ELISA Kit-Competitive is designed for the quantitative determination of Bovine Prostacyclin (PGI₂) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Bovine PGI ₂ .
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	3.13-200 pg/mL
Sensitivity	0.93 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Prostacyclin (PGI₂) is a prostaglandin member of the eicosanoid family of lipid molecules. Prostacyclin chiefly prevents the formation of the platelet plug involved in primary hemostasis (a part of blood clot formation). It does this by inhibiting platelet activation. Additionally, prostacyclin is an effective vasodilator. It is a prostaglandin that affects many organ systems. It is used to treat conditions such as pulmonary arterial hypertension, pulmonary fibrosis, and atherosclerosis.

Target/Biomarker	Bovine PGI ₂
Target Synonym	prostaglandin I ₂

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.