

Bovine Peroxisome Proliferator Activated Receptor Gamma (PPARg) ELISA Kit-Sandwich

Cat. No.: EK11F612

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Peroxisome Proliferator Activated Receptor Gamma (PPARg) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Peroxisome Proliferator Activated Receptor Gamma (PPARg) 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 Bovine PPARg.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	0.78-50 ng/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

Peroxisome Proliferator-Activated Receptor Gamma (PPAR-γ), which is also known as the glitazone reverse insulin resistance receptor, is a type II nuclear receptor functioning as a transcription factor. Bovine Peroxisome Proliferator Activated Receptor Gamma is encoded by the *PPARG* gene in cattle. It plays a crucial role in glucose and lipid metabolism, adipogenesis, and inflammation. PPARγ, along with its lipogenic target genes, is upregulated in bovine mammary tissue during lactation.

Target/Biomarker	Bovine PPARg
Target Synonym	peroxisome proliferator activated receptor gamma; peroxisome proliferator-activated receptor gamma; PPAR-gamma; nuclear receptor subfamily 1 group C member 3; peroxisome proliferative activated receptor, gamma; peroxisome proliferator activated receptor gamma 2
Gene ID	281993

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.