

Bovine Pregnancy Associated Glycoprotein 2 (PAG2) ELISA Kit-Sandwich

Cat. No.: EK12F343

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Pregnancy Associated Glycoprotein 2 (PAG2) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Pregnancy Associated Glycoprotein 2 (PAG2) 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 PAG2.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	0.314-20 ng/mL
Sensitivity	0.19 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

Bovine Pregnancy Associated Glycoprotein 2 is encoded by the *PAG2* gene in cattle. PAG2 or a processed derivative of this molecule might represent a factor that binds the LH receptor. Measurement of PAG protein in maternal blood can be a reproductive management tool for early pregnancy diagnosis in cattle and can be an indicator of embryonic and fetal well-being or pregnancy loss.

Target/Biomarker	Bovine PAG2
Target Synonym	pregnancy-associated glycoprotein 2; PAG 2
Gene ID	337897
UniProt ID	Q28057

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.