

Bovine TIMP Metallopeptidase Inhibitor 2 (TIMP2) ELISA Kit-Sandwich

Cat. No.: EK10F74

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine TIMP2 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine TIMP metallopeptidase inhibitor 2 (TIMP2) in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, 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 TIMP2.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	156-10000 pg/mL
Sensitivity	32 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

TIMP metallopeptidase inhibitor 2 is encoded by the *TIMP2* gene in cattle. TIMP-2 may play significant roles during luteal development and maintenance in cattle.

Target/Biomarker	Bovine TIMP2
Target Synonym	TIMP metallopeptidase inhibitor 2; TIMP-2; collagenase inhibitor; tissue inhibitor of metalloproteinases 2; tissue inhibitor of metalloproteinase 2
Gene ID	282093
UniProt ID	P16368

Shipping and Storage

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

Reference

Zhang, B. *et al.* Temporal and spatial expression of tissue inhibitors of metalloproteinases 1 and 2 (TIMP-1 and -2) in the bovine corpus luteum. *Reproductive biology and endocrinology : RB&E.* 2003, 1: 85.

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.