

Bovine Endothelin 1 (EDN1) ELISA Kit-Sandwich

Cat. No.: EK10F28

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine EDN1 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine endothelin 1 (EDN1) 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 EDN1.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	3.91-250 pg/mL
Sensitivity	0.78 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

Endothelin 1 is encoded by the *EDN1* gene in cattle. Research showed that differential cell-specific and spatiotemporal expression of the EDN1 system and NOS in the bovine utero-placental unit may be associated with regulation of vascular and cellular functions during pregnancy.

Target/Biomarker	Bovine EDN1
Target Synonym	endothelin 1; endothelin-1; ET-1; PPET1; preproendothelin-1
Gene ID	281137
UniProt ID	P79392

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.