

Bovine Thrombopoietin (THPO) ELISA Kit-Sandwich

Cat. No.: EK10F62

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine THPO ELISA Kit-Sandwich is designed for the quantitative determination of Bovine thrombopoietin (THPO) 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 THPO.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	32-2000 pg/mL
Sensitivity	6.25 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

Thrombopoietin is encoded by the *THPO* gene in cattle. Research showed that the possible involvement of locally produced TPO/c-MPL system might be a 'physiological filter' in bovine ovary where they might promote cell selection by inducing proliferation of viable cells and scavenging non-viable cells and thereby might play an important role in modulation of ovarian function.

Target/Biomarker	Bovine THPO
Target Synonym	thrombopoietin; MGDF; ML; C-MPL ligand; Megakaryocyte colony-stimulating factor; Megakaryocyte growth and development factor
Gene ID	538672
UniProt ID	F1MSL2

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.