

Bovine Interleukin 1 Beta (IL1B) ELISA Kit-Sandwich

Cat. No.: EK10F247

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine IL1B ELISA Kit-Sandwich is designed for the quantitative determination of Bovine interleukin 1 beta (IL1B) 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 IL1B.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	8-500 pg/mL
Sensitivity	1.6 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

Interleukin 1 beta is encoded by the *IL1B* gene in cattle. Research has shown that IL1B triggers inflammatory cytokine production in bovine oviduct epithelial cells and induces neutrophil accumulation via CCL2.

Target/Biomarker	Bovine IL1B
Target Synonym	interleukin 1 beta; interleukin-1 beta; IL-1 beta
Gene ID	281251
UniProt ID	P09428

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.