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Bovine High Mobility Group Protein B2 (HMGB2) ELISA Kit-Sandwich

Cat. No.: EK11F586

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine High Mobility Group Protein B2 (HMGB2) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine High Mobility Group Protein B2 (HMGB2) 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 HMGB2.
Target Species	Bovine
Species Reactivity	Bovine
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

High Mobility Group Box 2 (HMGB2) is a protein that belongs to the non-histone chromosomal high mobility group protein family. Bovine High Mobility Group Protein B2 is encoded by the *HMGB2* gene in cattle. It is involved in many biological processes, such as replication, transcription, and repair. It plays roles in transcription, chromatin remodeling, and V(D)J recombination. HMGB2 binds to DNA, enhancing transcription factor binding and promoting DNA flexibility.

Target/Biomarker	Bovine HMGB2
Target Synonym	high mobility group box 2; high mobility group protein B2; HMG-2; high mobility group protein 2
Gene ID	540444
UniProt ID	P40673

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

Starkova, T. Y. *et al*. Structural Characteristics of High-Mobility Group Proteins HMGB1 and HMGB2 and Their Interaction with DN A. *International journal of molecular sciences*. 2023, 24.

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.