

Bovine Heat Shock Protein Family A (Hsp70) Member 5 (HSPA5) ELISA Kit-Sandwich

Cat. No.: EK11F30

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine HSPA5 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine HSPA5 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 HSPA5.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	45-4000 pg/mL
Sensitivity	12 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;10 µL

Target Information

Heat shock protein family A (Hsp70) member 5 is encoded by the *HSPA5* gene in cattle. Previous study indicated that Hspa5 directly interacts with copper (Cu) to maintain Cu homeostasis in astrocytes.

Target/Biomarker	Bovine HSPA5
Target Synonym	heat shock protein family A (Hsp70) member 5; BiP; grp78; heat shock 70kDa protein 5 (glucose-regulated protein; 78kDa); GRP-78; endoplasmic reticulum chaperone BiP; HSP70 family protein 5; immunoglobulin heavy chain-binding protein
Gene ID	415113
UniProt ID	Q0VCX2

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.