

Bovine Ubiquitin (Ub) ELISA Kit-Competitive

Cat. No.: EK8F390

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Bovine Ubiquitin (Ub) ELISA Kit-Competitive is designed for the quantitative determination of Bovine Ub in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Bovine Ub.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	5-400 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Ubiquitin is a small regulatory protein present in most tissues of eukaryotic organisms. Its adaptability makes ubiquitin a crucial component in cellular regulation and maintaining homeostasis. The process of ubiquitylation consists of three primary steps: activation, conjugation, and ligation, which are facilitated by ubiquitin-activating enzymes (E1s), ubiquitin-conjugating enzymes (E2s), and ubiquitin ligases (E3s) respectively. Among the most well-known functions of ubiquitination is the degradation of proteins. Ubiquitin also plays a role in inducing lymphocyte differentiation and was originally discovered in the bovine thymus during the isolation of the thymic polypeptide hormone, thymopoietin.

Target/Biomarker	Bovine Ub
Target Synonym	Ubiquitin; Ub; UbB

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.