

Bovine Matrix Metalloproteinase 7 (MMP7) ELISA Kit-Sandwich

Cat. No.: EK10F185

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine MMP7 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine matrix metalloproteinase 7 (MMP7) 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 MMP7.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	62.5-4000 pg/mL
Sensitivity	12.5 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

Matrix metalloproteinase 7 is encoded by the *MMP7* gene in cattle. As the smallest member of the matrix metalloproteinase family, it has been verified to be implicated in cancer progression, especially metastasis.

Target/Biomarker	Bovine MMP7
Target Synonym	matrix metalloproteinase 7; matrilysin
Gene ID	286794
UniProt ID	F1MU56

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

Yuan, S. *et al.* Elevated matrix metalloproteinase 7 expression promotes the proliferation, motility and metastasis of tongue squamous cell carcinoma. *BMC Cancer*. 2020, 20: 33.

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.