

Bovine Matrix Metalloproteinase 9 (MMP9) ELISA Kit-Sandwich

Cat. No.: EK10F187

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine MMP9 ELISA Kit-Sandwich is designed for the quantitative determination of Bovine matrix metalloproteinase 9 (MMP9) 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 MMP9.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	325-2000 pg/mL
Sensitivity	6.25 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 9 is encoded by the *MMP9* gene in cattle. Matrix metalloproteinases (MMPs), especially MMP-2 and MMP-9, and their natural inhibitors, the tissue inhibitors of metalloproteinases (TIMPs), are the key regulators involved in corneal remodeling and degradation.

Target/Biomarker	Bovine MMP9
Target Synonym	matrix metalloproteinase 9; matrix metalloproteinase-9; matrix metalloproteinase 9 (gelatinase B; 92kDa gelatinase; 92kDa type IV collagenase); matrix metalloproteinase 9
Gene ID	282871

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.