

Chicken Matrix Metallopeptidase 9 (MMP9) ELISA Kit-Sandwich

Cat. No.: EK9F325

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken MMP9 ELISA Kit-Sandwich is designed for the quantitative determination of Chicken matrix metallopeptidase 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 Chicken MMP9.
Target Species	Chicken
Species Reactivity	Chicken
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 metallopeptidase 9, also known as 92kDa type IV collagenase, is encoded by the *MMP9* gene. MMP-9 is mainly expressed in neutrophils, macrophages, and mast cells. Research showed that the mRNA of MMP9 in the granulosa cells of chickens was induced by TGFβ1.

Target/Biomarker	Chicken MMP9
Target Synonym	matrix metallopeptidase 9; matrix metalloproteinase-9; 75 kDa gelatinase; matrix metallopeptidase 9 (gelatinase B 92kDa gelatinase 92kDa type IV collagenase); matrix metalloproteinase 9 (gelatinase B 92kDa gelatinase 92kDa type IV collagenase)
Gene ID	395387

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.