

Rabbit Matrix Metalloproteinase 2 (MMP2) ELISA Kit-Sandwich

Cat. No.: EK3F139

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Rabbit Matrix Metalloproteinase 2 (MMP2) ELISA Kit-Sandwich is designed for the quantitative determination of Rabbit MMP2 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 Rabbit MMP2
Target Species	Rabbit
Species Reactivity	Rabbit
Detection Range	3.13-200 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Matrix Metalloproteinase 2, also referred to as 72 kDa type IV collagenase, is encoded by the *MMP2* gene in rabbits. This ubiquitous metalloproteinase plays a critical role in a variety of processes, including the remodeling of vasculature, angiogenesis, tissue repair, tumor invasion, inflammation, and the rupture of atherosclerotic plaques. In addition to breaking down extracellular matrix proteins, it also acts on several non-matrix proteins like big endothelin 1 and beta-type CGRP, which promote vasoconstriction. MMP2 plays a role in renal fibrosis, therefore it may be relevant to renal research that utilizes rabbits.

Target/Biomarker	Rabbit MMP2
Target Synonym	CLG4; CLG4A; MMP-II; MONA; TBE-1; PEX; Gelatinase A; 72kDa Gelatinase; 72kDa Type IV Collagenase
Gene ID	100009000

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.