Mouse Pro-MMP-9 Antibody Pair Set

Catalog No. E-KAB-0554 **Applications** ELISA
Synonyms Pro-MMP-9

Kit components & Storage

Title	Specifications	Storage
Mouse Pro-MMP-9 Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze/thaw cycles.
Mouse Pro-MMP-9 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze/thaw cycles.

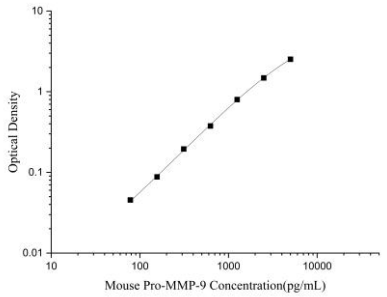
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0554)	
		Mouse Pro-MMP-9 Capture Antibody	Mouse Pro-MMP-9 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse Pro-MMP-9 protien	Recombinant Mouse Pro-MMP-9 protien
	Swissprot	P41245	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Rat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Protein A or G	Protein A or G
	Specificity	Detects Mouse Pro-MMP-9 in ELISAs.	

Applications

Mouse Pro-MMP-9 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4 μg/mL	Mouse Pro-MMP-9 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse Pro-MMP-9 Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

Matrix metalloproteinase that plays an essential role in local proteolysis of the extracellular matrix and in leukocyte migration.Could play a role in bone osteoclastic resorption.Cleaves KiSS1 at a Gly-|-Leu bond.Cleaves NINJ1 to generate the Secreted ninjurin-1 form.Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N-terminal one quarter fragments. Degrades fibronectin but not laminin or Pz-peptide.