## Sheep Matrix metallopeptidase 9 (MMP9) ELISA Kit

Catalog No: #EK9484

Package Size: #EK9484-1 48T #EK9484-2 96T



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## Description

Product Name	Sheep Matrix metallopeptidase 9 (MMP9) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Sheep (Ovis aries)
Other Names	GELB; Gelatinase B; CLG4B; CLG4-B; 92 KDa Gelatinase; 92kDa Type IV Collagenase; MANDP2;
	macrophage gelatinase; matrix metalloproteinase 9; type V collagenase
Accession No.	P52176
Uniprot	P52176
GenelD	282871;
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5%
	within the expiration date under appropriate storage condition.
	The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days,
	and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China
	Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage
	at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

## Application Details Detect Range:Request Information Sensitivity:Request Information Sample Type:Serum, Plasma, Other biological fluids Sample Volume: 1-200 µL Assay Time:1-4.5h Detection wavelength:450 nm

## Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate MMP9 in samples. An antibody specific for MMP9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyMMP9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP9 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MMP9 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Note: This product is for in vitro research use only