Mmp9 (Mouse) ELISA Kit

Catalog # KA0398 Size 1 Kit

Specification

Product Description	Mmp9 (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Mmp9.
Suitable Sample	Cell Culture Supernatant, Plasma (Heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10,000 pg/mL
Reactivity	Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — Mmp9

Entrez GeneID	17395
Gene Name	Mmp9
Gene Alias	AW743869, B/MMP9, Clg4b, MMP-9, pro-MMP-9

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Gene Description	matrix metallopeptidase 9
Gene Ontology	Hyperlink
Other Designations	92kD gelatinase|92kD type IV collagenase|92kDa gelatinase|92kDa type IV collagenase|Gel B|OTTMUSP00000001145|collagenase type IVB|gelatinase B|matrix metalloproteinase 9

Publication Reference

- Stress-primed secretory autophagy promotes extracellular BDNF maturation by enhancing MMP9 secretion.

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- Niosomal versus nano-crystalline ivermectin against different stages of Trichinella spiralis infection in mice.

  Dalia A Elmehy, Marwa A Hasby Saad, Gamal M El Maghraby, Mona F Arafa, Nema A Soliman, Heba H Elkaliny, Dina I Elgendy

  Parasitol Res 2021 7; 120(7):2641-2658.

- Niosomal versus nano-crystalline ivermectin against different stages of Trichinella spiralis infection in mice.

  Dalia A Elmehy, Marwa A Hasby Saad, Gamal M El Maghraby, Mona F Arafa, Nema A Soliman, Heba H Elkaliny, Dina I Elgendy.

  Parasitology Research 2021 Jul; 120(7):2641.

  Application: Quant, Mouse, Mouse intestine, Mouse muscle

- Membrane-Bound Thrombomodulin Regulates Macrophage Inflammation in Abdominal Aortic Aneurysm.

  Kuan-Chieh Wang, Yi-Heng Li, Guey-Yueh Shi, Hung-Wen Tsai, Chawn-Yau Luo, Min-Hua Cheng, Chih-Yuan Ma, Yun-Yan Hsu, Tsung-Lin Cheng, Bi-Ing Chang, Chao-Han Lai, Hua-Lin Wu

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  Application: ELISA, Human, Fetal membrane

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- Role of matrix metalloproteinase 9 in pituitary tumor behavior.

  Turner HE, Nagy Z, Esiri MM, Harris AL, Wass JA.

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- Functional polymorphism in the regulatory region of gelatinase B gene in relation to severity of coronary atherosclerosis.

  Zhang B, Ye S, Herrmann SM, Eriksson P, de Maat M, Evans A, Arveiler D, Luc G, Cambien F, Hamsten A, Watkins H, Henney AM.

  Circulation 1999 Apr; 99(14):1788.

- On the structure and chromosome location of the 72- and 92-kDa human type IV collagenase genes.

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