Mmp2 (Mouse) ELISA Kit

Catalog # KA0392 Size 1 Kit

Specification

Product Description	Mmp2 (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Mmp2.
Suitable Sample	Cell Culture Supernatant, Plasma (Heparin) and Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	625 to 40000 pg/mL
Limit of Detection	< 10 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 — Mmp2

Entrez GeneID	17390
Gene Name	Mmp2

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Gene Alias	Clg4a, GelA, MMP-2
Gene Description	matrix metallopeptidase 2
Gene Ontology	Hyperlink
Other Designations	72kD gelatinase|72kD type IV collagenase|72kDa gelatinase|72kDa type IV collagenase|gelatinase A|matrix metalloproteinase 2|matrix metalloproteinase-2

Publication Reference

- Ex vivo Pretreatment of Islets with Mitomycin C: Reduction in Immunogenic Potential of Islets by Suppressing Secretion of Multiple Chemotactic Factors.

  Sato N, Haga J, Anazawa T, Kenjo A, Kimura T, Wada I, Mori T, Marubashi S, Gotoh M.

  Cell Transplantation 2017 Sep; 26(8):1392.

  Application: Quant, Rat, Rat islet culture supernatants

- 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

  Arterioscler Thromb Vasc Biol 2015 Nov; 35(11):2412-22.

- Infrared optical imaging of matrix metalloproteinases (MMPs) up regulation following ischemia reperfusion is ameliorated by hypothermia.

  Barber PA, Rushforth D, Agrawal S, Tuor UI.

  BMC Neuroscience 2012 Jun; 13(1):76.

  Application: ELISA, Mouse, Mouse brain

- Intronic regulation of matrix metalloproteinase-2 revealed by in vivo transcriptional analysis in ischemia.

  Lee JG, Dahi S, Mahimkar R, Tulloch NL, Alfonso-Jaume MA, Lovett DH, Sarkar R.

  PNAS 2005 Nov; 102(45):16345.

- Structure of human pro-matrix metalloproteinase-2: activation mechanism revealed.

  Morgunova E, Tuuttila A, Bergmann U, Isupov M, Lindqvist Y, Schneider G, Tryggvason K.

  Science 1999 Jun; 284(5420):1667.

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- Completion of the primary structure of the human type IV collagenase preproenzyme and assignment of the gene (CLG4) to the q21 region of chromosome 16.

  Huhtala P, Eddy RL, Fan YS, Byers MG, Shows TB, Tryggvason K.

  Genomics 1990 Mar; 6(3):554.

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