Cxcl1 (Mouse) ELISA Kit

Catalog # KA0553 Size 1 Kit

Specification

Product Description	Cxcl1 (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Cxcl1.
Suitable Sample	Cell Culture Supernatant, Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 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 — Cxcl1

Entrez GeneID	14825
Gene Name	Cxcl1
Gene Alias	Fsp, Gro1, KC, Mgsa, N51, Scyb1, gro

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Gene Description	chemokine (C-X-C motif) ligand 1
Gene Ontology	Hyperlink
Other Designations	GRO1 oncogene|KC/GR)-alpha|KC/GRO-alpha|OTTMUSP00000018305

Publication Reference

- Inhibition of CCL7 derived from Mo-MDSCs prevents metastatic progression from latency in colorectal cancer.

  Xiaoli Ren, Jianbiao Xiao, Wanning Zhang, Feifei Wang, Yongrong Yan, Xuehui Wu, Zhicheng Zeng, Yumei He, Wei Yang, Wangjun Liao, Yanqing Ding, Li Liang.

  Cell Death & Disease 2021 May; 12(5):484.

  Application: Quant, Mouse, Mouse myeloid-derived suppressor cells

- Reprogramming immunosuppressive myeloid cells facilitates immunotherapy for colorectal cancer.

  Weiqiang Lu, Weiwei Yu, Jiacheng He, Wenjuan Liu, Junjie Yang, Xianhua Lin, Yuanjin Zhang, Xin Wang, Wenhao Jiang, Jian Luo, Qiansen Zhang, Huaiyu Yang, Shihong Peng, Zhengfang Yi, Shancheng Ren, Jing Chen, Stefan Siwko, Ruth Nussinov, Feixiong Cheng, Hankun Zhang, Mingyao Liu.

  EMBO Molecular Medicine 2020 Dec; 13(1):e12798.

  Application: Quant, Mouse, Mouse plasma

- Neuroprotection and remyelination after autoimmune demyelination in mice that inducibly overexpress CXCL1.

  Omari KM, Lutz SE, Santambrogio L, Lira SA, Raine CS.

  The American Journal of Pathology 2009 Jan; 174(1):164.

- The chemokine receptor CXCR2 controls positioning of oligodendrocyte precursors in developing spinal cord by arresting their migration.

  Tsai HH, Frost E, To V, Robinson S, Ffrench-Constant C, Geertman R, Ransohoff RM, Miller RH.

  Cell 2002 Aug; 110(3):373.

- Constitutive and stimulated MCP-1, GRO alpha, beta, and gamma expression in human airway epithelium and bronchoalveolar macrophages.

  Becker S, Quay J, Koren HS, Haskill JS.

  The American journal of physiology 1994 Mar; 266(3 Pt 1):L278.

  Application: ELISA, Human, Supernatants of unstimulated and LPS-stimulated bronchoalveolar macrophages

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