Cxcl1 (Rat) ELISA Kit

Catalog # KA0554 Size 1 Kit

Specification

Product Description	Cxcl1 (Rat) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of rat Cxcl1.
Suitable Sample	Cell Culture Supernatant, Plasma (EDTA), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 pg/mL
Reactivity	Rat
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	81503
Gene Name	Cxcl1
Gene Alias	CINC-1, Gro1

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Gene Description	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	cytokine-induced neutrophil chemoattractant 1|gro

Publication Reference

- Dysregulation of MAP kinase signaling pathways including p38MAPK, SAPK/JNK, and ERK1/2 in cultured rat cerebellar astrocytes exposed to diphenylarsinic acid.

  Negishi T, Matsumoto M, Kobayashi Y, Kojima M, Sakaguchi F, Takahata K, Kanehira T, Arakaki R, Aoyama Y, Yoshida H, Yamada R, Sumiyoshi N, Tashiro T, Hirano S, Yoshida K Yukawa K.

  Toxicological Sciences 2017 Apr; 156(2):509.

  Application: Quant, Rat, Rat cerebellar astrocytes

- Diphenylarsinic acid induced activation of cultured rat cerebellar astrocytes: phosphorylation of mitogen-activated protein kinases, upregulation of transcription factors, and release of brain-active cytokines.

  Negishi T, Matsumoto M, Kojima M, Asai R, Kanehira T, Sakaguchi F, Takahata K, Arakaki R, Aoyama Y, Yoshida H, Yoshida K, Yukawa K, Tashiro T, Hirano S.

  Toxicological Sciences 2016 Mar; 150(1):74.

  Application: ELISA, Rat, Cerebellar cells

- Human IP-9: A keratinocyte-derived high affinity CXC-chemokine ligand for the IP-10/Mig receptor (CXCR3).

  Tensen CP, Flier J, Van Der Raaij-Helmer EM, Sampat-Sardjoepersad S, Van Der Schors RC, Leurs R, Scheper RJ, Boorsma DM, Willemze R.

  The Journal of Investigative Dermatology 1999 May; 112(5):716.

- Physical mapping of the CXC chemokine locus on human chromosome 4.

  O'Donovan N, Galvin M, Morgan JG.

  Cytogenetics and Cell Genetics 1999 Jan; 84(1-2):39.

- Localization of the gene for the human MIG cytokine on chromosome 4q21 adjacent to INP10 reveals a chemokine "mini-cluster".

  H H Lee, J M Farber.

  Cytogenetics and Cell Genetics 1996 Jan; 74(4):255.

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