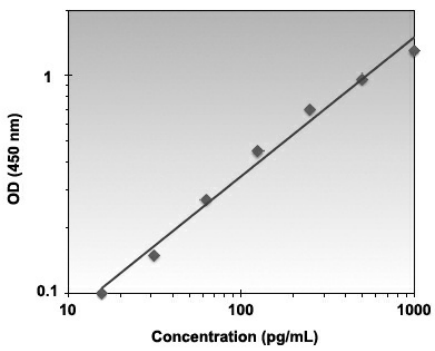
Cxcl10 (Rat) ELISA Kit

Catalog # KA2203 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	Cxcl10 (Rat) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of rat Cxcl10.
Suitable Sample	Cell Lysate, Plasma, Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	16 to 1000 pg/mL
Limit of Detection	16 pg/mL
Reactivity	Rat
Regulation Status	For research use only (RUO)
Expiration Date	Kit expiration is 3 months from date of shipment

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Quality Control Testing	Standard Curve The standard curve is for the purpose of illustration only and should not be used to calculate unknown s. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store the kit at 4°C.

Applications

- Quantification

Gene Info — Cxcl10

Entrez GeneID	245920
Gene Name	Cxcl10
Gene Alias	IP-10, Scyb10
Gene Description	chemokine (C-X-C motif) ligand 10
Gene Ontology	Hyperlink
Gene Summary	member 10
Other Designations	interferon-inducible cytokine IP-10|small inducible cytokine B subfamily (Cys-X-Cys) member 10|small inducible cytokine B subfamily (Cys-X-Cys), member 10

Publication Reference

- Gestational Diabetes Mellitus Rats Induce Anxiety-Depression-Like Behavior in Offspring: Association with Neuroinflammation and NF-κB Pathway.

  Jing Han, Xiaomu Tan, Yuchen Wei, Zhuo Hu, Qian Yang, Yandi Zhu, Zhaoyang Chen, Yadi Zhang, Huanling Yu, Xiaxia Cai, Shanshan Cui.

  Molecular Neurobiology 2025 May; 0:0.

  Application: ELISA, Quant, Rats, Prefrontal cortex (PFC) and Serum

- Astrocytes Respond to Environment-Relevant Doses TCDD in a Specific Manner Which Is Different from the Endogenous AhR Ligand (FICZ).

  Rui Sha, Yangsheng Chen, Tong Xu, Guanglei Yang, Li Xu, Heidi Qunhui Xie, Bin Zhao.

  Environment & Health 2025 Jan; 3(4):392.

  Application: ELISA, Quant, Rat, Medium supernatant

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- Development of a Janus Kinase Inhibitor Prodrug for the Treatment of Rheumatoid Arthritis.

  Xin Wei, Jianbo Wu, Gang Zhao, Josselyn Galdamez, Subodh M Lele, Xiaoyan Wang, Yanzhi Liu, Dhruvkumar M Soni, P Edward Purdue, Ted R Mikuls, Steven R Goldring, Dong Wang

  Mol Pharm 2018 Aug; 15(8):3456-3467.

- Stat3 Inhibition Attenuates Mechanical Allodynia through Transcriptional Regulation of Chemokine Expression in Spinal Astrocytes.

  Liu X, Tian Y, Lu N, Gin T, Cheng CH, Chan MT.

  PLoS One 2013 Oct; 8(10):e75804.

  Application: ELISA, Rat, Supernates collected from primary astrocytes culture medium

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