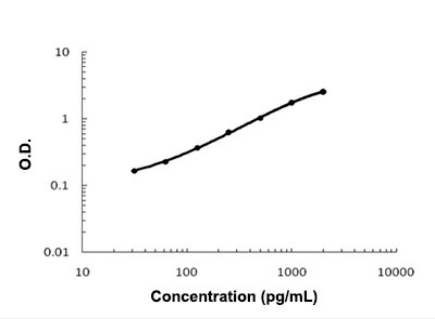
CXCL9 (Human) ELISA Kit

Catalog # KA0555 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	CXCL9 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CXCL9.
Suitable Sample	Cell Culture Supernates, Cell Lysates, Plasma (EDTA, heparin), Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve 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.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — CXCL9

Entrez GeneID	4283
Gene Name	CXCL9
Gene Alias	CMK, Humig, MIG, SCYB9, crg-10
Gene Description	chemokine (C-X-C motif) ligand 9
Omim ID	601704
Gene Ontology	Hyperlink
Gene Summary	The function of this gene has not been specifically defined; however, it is thought to be involved in T cell trafficking. This gene has been localized to 4q21 with INP10, which is also a member of the chemokine family of cytokines. [provided by RefSeq
Other Designations	monokine induced by gamma interferon|small inducible cytokine B9

Publication Reference

- Urinary CXCL9 and CXCL10 Levels and Acute Renal Graft Rejection.

  Ciftci HS, Tefik T, Savran MK, Demir E, Caliskan Y, Ogret YD, Oktar T, Sanli O, Kocak T, Ozluk Y, Oguz FS, Kilicaslan I, Aydin F, Turkmen A, Nane I.

  International Journal of Organ Transplantation Medicine 2019 May; 10(2):53.

  Application : Quant, Human, Urine samples

- 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.

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- 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.

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction
- Toll-like receptor signaling pathway

Disease

- Asthma
- Bronchiolitis
- Colitis
- Coronary Artery Disease
- Crohn Disease
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Infant
- Inflammatory Bowel Diseases
- Ovarian Neoplasms
- Respiratory Syncytial Virus Infections
- Severe Acute Respiratory Syndrome

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