

Human CXCL5 ELISA Kit | CXCL5 elisa kit

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CATALOG #
AAA258401

REACTIVITY
Human

PRODUCT SYNONYMS

CXCL5; Human CXCL5 ELISA Kit; CXCL5 ELISA Kit; Human; ENA-78 ELISA Kit; SCYB5 ELISA Kit; CXCL5 elisa kit

PRODUCT SPECIFICATIONS

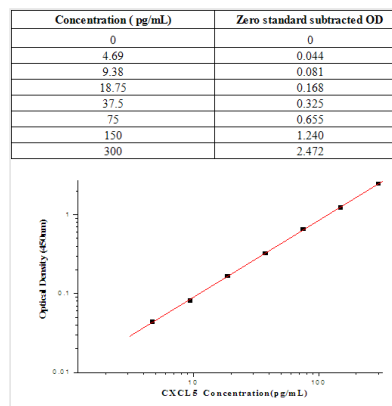
Reactivity	Human
Specificity	For the quantitative determination of Human CXCL5 concentration in serum, cell culture supernates and plasma.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Serum, Cell supernatant, Plasma
Detection Range	4.69-300pg/mL
Sensitivity	1.44pg/mL
Conjugation	HRP
Interference	Preparations of the factors listed below at 50ng/mL in a mid-range recombinant human CXCL5 control were assayed for interference. No significant interference was observed.
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES

Recombinant human			
IL8	CCL2	CCL3	CCL4
PTN	RANTES	IL-1	IL-2
IL-33	IL-10	TNF- α	IL-4
IL-6	IFN- γ	MIP-1 β	TIMP-1
TIMP-2	GM-CSF	SCF	PDGF
VEGF			
Recombinant mouse			
CSF2	IL-1 α	IL-1 β	IL-3
IL-4	IL-5	IL-6	IL-7
IL-10	IL-13	LIF	MIP-1 α
SCF	TNF- α		

Application Data

This assay recognizes both recombinant and natural Human CXCL5. The factors listed below were prepared at 50ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for CXCL5 elisa kit	This CXCL5 ELISA Kit, Human is an enzyme-linked immunosorbent assay for the quantitative measurement of Human CXCL5 protein in Serum, Cell supernatant, Plasma. It contains recombinant Human CXCL5, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: CXCL5 is a small cytokine belonging to the CXC chemokine family. CXC chemokines are particularly significant for leukocyte infiltration in inflammatory diseases. CXCL5 is produced following stimulation of cells with the inflammatory cytokines interleukin-1 or tumor necrosis factor-alpha. It also can be detected in eosinophils, and can be inhibited with the type II interferon. CXCL5 plays a role in reducing sensitivity to sunburn pain in some subjects, and is a potential target which can be utilized to understand more about pain in other inflammatory conditions like arthritis and cystitis. It stimulates the chemotaxis of neutrophils possesses angiogenic properties. It elicits these effects by interacting with the cell surface chemokine receptor CXCR2.
References	Dawes JM, et al. (2011) CXCL5 Mediates UVB Irradiation-Induced Pain. Sci Transl Med. 3(90): 90ra60. O'Donovan N, et al. (1999) Physical mapping of the CXC chemokine locus on human chromosome 4. Cytogenet. Cell Genet. 84(1-2):39-42. Persson T, et al. (2003) Expression of the neutrophil-activating CXC chemokine ENA-78/CXCL5 by human eosinophils. Clin Exp Allergy. 33(4):531-7.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cxcl5/258401>