

Human CXCL11/I-TAC ELISA Kit | CXCL11 elisa kit

Human CXCL11/I-TAC PicoKine ELISA Kit

CATALOG #
AAA45574

REACTIVITY
Human

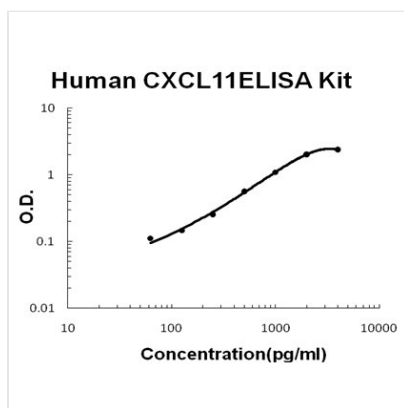
PRODUCT SYNONYMS

CXCL11/I-TAC; Human CXCL11/I-TAC PicoKine ELISA Kit; C-X-C motif chemokine 11; chemokine (C-X-C motif) ligand 11; b R1; Beta R1; Beta-R1; betaR1; C X C motif chemokine 11; Chemokine (C-X-C motif) ligand 11; Chemokine C-X-C motif ligand 11; CXCL11; CXL11_HUMAN; H174; I TAC; I-TAC; Interferon gamma inducible protein 9; Interferon gamma-inducible protein 9; Interferon inducible T cell a chemoattractant I TAC; Interferon inducible T cell alpha chemoattractant; Interferon-inducible T-cell alpha chemoattractant; IP 9; IP-9; IP9; ITAC; MGC102770; SCYB11; SCYB9B; Small inducible cytokine B11; Small inducible cytokine subfamily B (Cys X Cys) member 11; Small inducible cytokine subfamily B (Cys X Cys) member 9B; Small inducible cytokine subfamily B; member 11; member 9B; Small-inducible cytokine B11; CXCL11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CXCL11
Sequence Length	94
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	< 10pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human CXCL11/I-TAC PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CXCL11 elisa kit	Principle of the assay: human CXCL11 ELISA Kit is based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CXCL11 has been precoated onto 96-well plates. Standards (E.coli,F22-F94) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CXCL11 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex is added and unbound conjugates are washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB is catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human CXCL11 amount of sample captured in plate. Background: Chemokine (C-X-C motif) ligand 11 (CXCL11) is a small cytokine belonging to the CXC chemokine family that is also called Interferon-inducible T-cell alpha chemoattractant (I-TAC) and Interferon-gamma-inducible protein 9 (IP-9). By PCR analysis of somatic cell hybrids, the CXCL11 gene was mapped to chromosome 4, and using FISH, it was located to 4q21.2. The CXCL11 was strongly induced by IFNG and beta-interferon, but only weakly induced by alpha-interferon. Induction of CXCL11 required expression of STAT1. What's more, it found that monocyte chemotaxis occurs in response to recombinant CXCL11. RT-PCR analysis detected CXCL11 expression in brain tissue from a patient with AIDS dementia and a patient with multiple sclerosis but not in 2 controls.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7674360
NCBI GeneID	6373
UniProt Accession #	O14625; Q53YA3; Q92840
Molecular Weight	10,365 Da
NCBI Official Full Name	C-X-C motif chemokine 11
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 11
NCBI Official Symbol	CXCL11
NCBI Official Synonym Symbols	IP9; H174; IP-9; b-R1; I-TAC; SCYB11; SCYB9B
NCBI Protein Information	C-X-C motif chemokine 11; beta-R1; small inducible cytokine B11; small-inducible cytokine B11; interferon gamma-inducible protein 9; interferon-inducible T-cell alpha chemoattractant; small inducible cytokine subfamily B (Cys-X-Cys), member 11; small inducible cytokine subfamily B (Cys-X-Cys), member 9B
UniProt Protein Name	C-X-C motif chemokine 11
UniProt Gene Name	CXCL11
UniProt Synonym Gene Names	ITAC; SCYB11; SCYB9B; IP-9; I-TAC
UniProt Entry Name	CXL11_HUMAN

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/cxcl11-i-tac/45574>