

Human chemokine (C-X-C motif) ligand 11 ELISA Kit | CXCL11 elisa kit

Human Interferon inducible T-cell Chemoattractant, I-TAC ELISA Kit

CATALOG #
AAA79748

REACTIVITY
Human

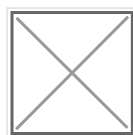
PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 11; Human Interferon inducible T-cell Chemoattractant; I-TAC ELISA Kit; H174; I-TAC; IP-9; IP9; MGC102770; SCYB11; SCYB9B; b-R1; small inducible cytokine B11; small inducible cytokine subfamily B (Cys-X-Cys); member 11; me; CXCL11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CXCL11. No significant cross-reactivity or interference between Human CXCL11 and analogues was observed.
Sequence Length	94
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 2	chemokine
Protein Biological Process 3	Chemotaxis
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL11 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to I-TAC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for I-TAC and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain I-TAC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of I-TAC in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885589
NCBI GeneID	6373
NCBI Accession #	NP_005400.1
NCBI GenBank Nucleotide #	NM_005409.4
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/cxcl11-human-elisa-kits/chemokine-c-x-c-motif-ligand-11/79748>