

Human CCL4/MIP-1 beta ELISA Kit | CCL4 elisa kit

Human CCL4/MIP-1 beta PicoKine ELISA Kit

CATALOG #
AAA45586

REACTIVITY
Human

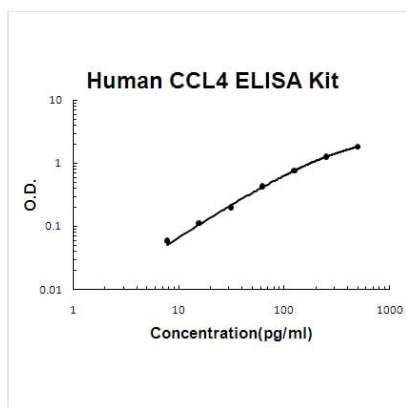
PRODUCT SYNONYMS

CCL4/MIP-1 beta; Human CCL4/MIP-1 beta PicoKine ELISA Kit; C-C motif chemokine 4; chemokine (C-C motif) ligand 4; ACT 2; ACT2; AT744.1; C C motif chemokine 4; CCL4; CCL4L1; Chemokine CC Motif Ligand 4; G 26 T lymphocyte-secreted protein; HC21; LAG 1; LAG1; Lymphocyte activation gene 1; Lymphocyte activation gene 1 protein; MGC104418; MGC126025; MGC126026; MIP 1 beta; MIP1B; PAT 744; Protein H400; SCYA2; SCYA4; Secreted protein G 26; SIS gamma; Small inducible cytokine A4; T cell activation protein 2; CCL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CCL4
Sequence Length	92
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Assay Type	Sandwich
Detection Range	7.8pg/ml-500pg/ml
Sensitivity	< 1pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
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 CCL4/MIP-1 beta PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL4 elisa kit	Principle of the assay: human CCL4 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CCL4 has been precoated onto 96-well plates. Standards(E.coli, A24-N92) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL4 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was 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 CCL4 amount of sample captured in plate. Background: Chemokine (C-C motif) ligand 4, also known as CCL4, is a protein which in humans is encoded by the CCL4 gene. It is a CC chemokine with specificity for CCR5 receptors. It is a chemoattractant for natural killer cells, monocytes and a variety of other immune cells. CCL4 is a major HIV-suppressive factor produced by CD8+ T cells. Performing-low memory CD8+ T cells that normally synthesize MIP-1-beta. the CCL4 gene was assigned to a slightly more distal location: 17q21-q23 rather than 17q11-q21.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	127080
NCBI GeneID	388372
UniProt Accession #	P13236; P22617; Q13704; Q3SXL8; Q6FGI8
Molecular Weight	10,212 Da
NCBI Official Full Name	C-C motif chemokine 4
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 4-like 1
NCBI Official Symbol	CCL4L1
NCBI Official Synonym Symbols	LAG1; CCL4L; LAG-1; SCYA4L; AT744.2; SCYA4L1
NCBI Protein Information	C-C motif chemokine 4-like; CC chemokine ligand 4L1; lymphocyte activation gene 1; small inducible cytokine A4-like; macrophage inflammatory protein-1b2; chemokine (C-C motif) ligand 4-like 1, telomeric
UniProt Protein Name	C-C motif chemokine 4
UniProt Gene Name	CCL4
UniProt Synonym Gene Names	LAG1; MIP1B; SCYA4; LAG-1; MIP-1-beta; ACT-2
UniProt Entry Name	CCL4_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.