

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

Human CCL4/MIP-1 beta PicoKine Quick ELISA Kit

CATALOG # AAA126787	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

PRODUCT SYNONYMS

CCL4/MIP-1 beta; Human CCL4/MIP-1 beta PicoKine Quick ELISA Kit; CCL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CCL4
Assay Type	Sandwich
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA, citrate)
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sensitivity	<4 pg/ml
Applicable Applications for CCL4 elisa kit	ELISA
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 across 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 (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES


Standard Curve (Sample)

Human CCL4 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL4 elisa kit	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. Principle of the Assay: The Quick Picokine™ Human CCL4 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CCL4 in cell culture supernatants, serum and plasma (heparin, EDTA, citrate). It uses our proprietary Quick ELISA technology. Quick ELISA technology employs capture antibodies conjugated to an affinity tag that is recognized by the polyclonal antibody used to coat our Quick ELISA plates. This approach to sandwich ELISA allows the formation of the antibody-analyte sandwich complex in a single step, significantly reducing assay time. The kit includes Human CCL4 protein as standards. To measure Human CCL4, add standards and samples to the wells, then add antibody cocktail. Wash the wells with PBS or TBS buffer, and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product is linearly proportional to Human CCL4 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CCL4 in the sample.
Product Categories/Family for CCL4 elisa kit	PicoKine ELISA Kits, Fast ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	127080
NCBI GeneID	6351
UniProt Accession #	P13236; P22617; Q13704; Q3SXL8; Q6FGI8
Molecular Weight	92
NCBI Official Full Name	C-C motif chemokine 4
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 4
NCBI Official Symbol	CCL4
NCBI Official Synonym Symbols	ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; AT744.1; MIP-1-beta
NCBI Protein Information	C-C motif chemokine 4; PAT 744; SIS-gamma; MIP-1-beta(1-69); secreted protein G-26; T-cell activation protein 2; G-26 T-lymphocyte-secreted protein; lymphocyte activation gene 1 protein; macrophage inflammatory protein 1-beta; small inducible cytokine A4
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.