

Human CCL1 ELISA Kit | CCL1 elisa kit

Human CCL1 PicoKine ELISA Kit

CATALOG #
AAA45563

REACTIVITY
Human

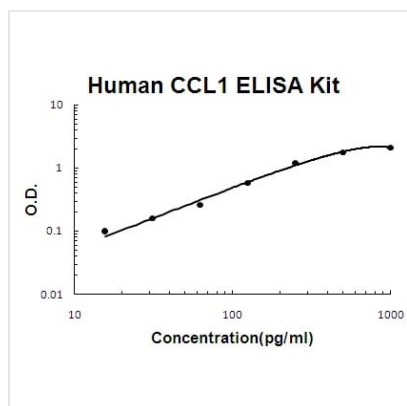
PRODUCT SYNONYMS

CCL1; Human CCL1 PicoKine ELISA Kit; C-C motif chemokine 1; chemokine (C-C motif) ligand 1; BF534335; C C motif chemokine 1; Ccl1; CCL1_HUMAN; CCR8 ligand; Chemokine CC Motif Ligand 1; Inflammatory cytokine I-309; P500; RP23-446K18.2; SCYA1; SISE; Small inducible cytokine A1; Small-inducible cytokine A1; T lymphocyte secreted protein I-309; T lymphocyte-secreted protein I-309; TCA3; CCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CCL1
Sequence Length	96
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 4pg/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 CCL1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL1 elisa kit	Principle of the assay: human CCL1 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CCL1 has been precoated onto 96-well plates. Standards(NSO, K24-K96) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL1 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 CCL1 amount of sample captured in plate. Background: CCL1, Chemokine (C-C motif) ligand 1, is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutrophils. It binds to the chemokine receptor CCR8.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	123950
NCBI GeneID	6346
UniProt Accession #	P22362; Q2M309; B2R5G9
Molecular Weight	10,992 Da
NCBI Official Full Name	C-C motif chemokine 1
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 1
NCBI Official Symbol	CCL1
NCBI Official Synonym Symbols	P500; SISE; TCA3; I-309; SCYA1
NCBI Protein Information	C-C motif chemokine 1; inflammatory cytokine I-309; T lymphocyte-secreted protein I-309; small inducible cytokine A1 (I-309, homologous to mouse Tca-3)
UniProt Protein Name	C-C motif chemokine 1
UniProt Gene Name	CCL1
UniProt Synonym Gene Names	SCYA1
UniProt Entry Name	CCL1_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.