

Human MIP-1 alpha ELISA Kit | CCL3 elisa kit

Human MIP-1 alpha PicoKine ELISA Kit

CATALOG #
AAA45284

REACTIVITY
Human

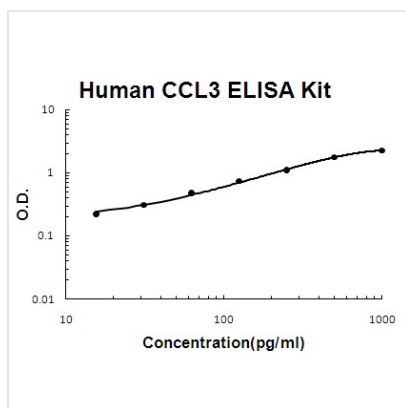
PRODUCT SYNONYMS

MIP-1 alpha; Human MIP-1 alpha PicoKine ELISA Kit; C-C motif chemokine 3; chemokine (C-C motif) ligand 3; C C motif chemokine 3; CCL3; CCL3_HUMAN; Chemokine (C C motif) ligand 3; Chemokine ligand 3; G0/G1 switch regulatory protein 19 1; G0/G1 switch regulatory protein 19-1; G0S19 1; G0S19 1 protein; Heparin binding chemotaxis protein; L2G25B; LD78-alpha(4-69); LD78ALPHA; Macrophage inflammatory protein 1 alpha; Macrophage inflammatory protein 1-alpha; MIP 1 alpha; MIP-1-alpha; MIP-1-alpha(4-69); MIP1A; PAT 464.1; SCYA 3; SCYA3; SIS alpha; SIS beta; SIS-beta; Small inducible cytokine A3; Small-inducible cytokine A3; Tonsillar lymphocyte LD78 alpha protein; CCL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human MIP-1alpha
Sequence Length	92
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/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 MIP-1 alpha PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL3 elisa kit	Principle of the assay: human MIP-1alpha ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for MIP-1alpha has been precoated onto 96-well plates. Standards(E.coli,A27-A92) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for MIP-1alpha 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 MIP-1alpha amount of sample captured in plate. Background: Macrophage inflammatory protein-1 alpha (MIP-1 alpha), also called CCL3, LD78. The cDNA for MIP-1 alpha predicts a mature peptide of 69 amino acids with a molecular mass of 7,889 daltons.1 LD78 is a member of a newly identified superfamily of small inducible proteins involved in inflammatory responses, wound healing and tumorigenesis. MIP-1 alpha is a chemokine that has pro-inflammatory and stem cell inhibitory activities in vitro. It constitutes an important second signal for mast cell degranulation in the conjunctiva in vivo and consequently for acute-phase disease. The standard product used in this kit is recombinant human MIP-1alpha, consisting of 66 amino acids with the molecular mass of 7.5kDa.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	6348
UniProt Accession #	A0N0R1; P10147
Molecular Weight	10,085 Da
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 3
NCBI Official Symbol	CCL3
NCBI Official Synonym Symbols	MIP1A; SCYA3; G0S19-1; LD78ALPHA; MIP-1-alpha
NCBI Protein Information	C-C motif chemokine 3; SIS-beta; PAT 464.1; G0/G1 switch regulatory protein 19-1; macrophage inflammatory protein 1-alpha; tonsillar lymphocyte LD78 alpha protein; small inducible cytokine A3 (homologous to mouse Mip-1a)
UniProt Protein Name	C-C motif chemokine
UniProt Gene Name	CCL3
UniProt Entry Name	A0N0R1_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.