

Human CCL3 ELISA Kit | CCL3 elisa kit

Human CCL3 ELISA Kit

CATALOG # AAA105561	REACTIVITY Human	APPLICATIONS ELISA
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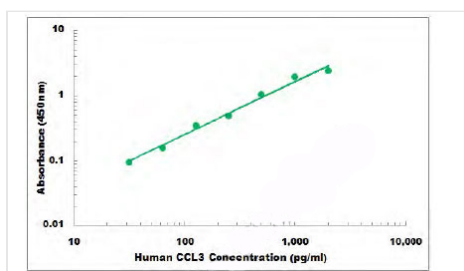
PRODUCT SYNONYMS

CCL3; Human CCL3 ELISA Kit; G0S19-1; MIP1A; SCYA3; C-C motif chemokine 3; G0/G1 switch regulatory protein 19-1; Macrophage inflammatory protein 1-alpha; MIP-1-alpha; PAT 464.1; SIS-beta; Small-inducible cytokine A3; Tonsillar lymphocyte LD78 alpha protein; CCL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CCL3 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or
Sequence Length	92
Samples	Sandwich Enzyme-Linked Immunosorbent Assay for Quantitative Detection of Human CCL3 Concentrations in Cell Culture Supernatants, Serum, Plasma
Sensitivity	10 pg/ml
Applicable Applications for CCL3 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL3 elisa kit	Principle of the Assay: The Human CCL3 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CCL3 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human CCL3 coated on a 96-well plate. Standards and samples are pipetted into the wells and CCL3 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CCL3 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CCL3 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: 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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506843
NCBI GeneID	6348
NCBI Accession #	NP_002974.1
NCBI GenBank Nucleotide #	NM_002983.2
UniProt Accession #	P10147
Molecular Weight	10,085 Da
NCBI Official Full Name	C-C motif chemokine 3
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 3
UniProt Gene Name	CCL3
UniProt Synonym Gene Names	G0S19-1; MIP1A; SCYA3; MIP-1-alpha
UniProt Entry Name	CCL3_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.