

Rat CCL3 ELISA Kit | CCL3 elisa kit

Rat CCL3 ELISA Kit

CATALOG # AAA105896	REACTIVITY Rat	APPLICATIONS ELISA
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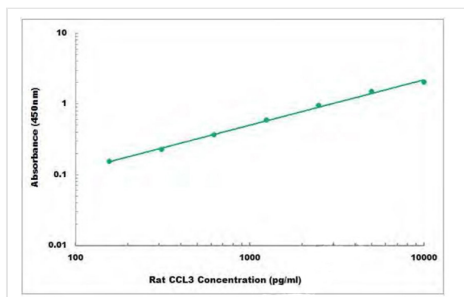
PRODUCT SYNONYMS

CCL3; Rat 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	Rat
Specificity	The Rat CCL3 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Rat CCL3 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	92
Samples	Culture Supernatants, Serum, Plasma
Sensitivity	< 60 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	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. 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. Principle of the Assay: The Rat CCL3 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Rat CCL3 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Rat 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-Rat 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40254794
NCBI GeneID	25542
NCBI Accession #	NP_037157.2
NCBI GenBank Nucleotide #	NM_013025.2
UniProt Accession #	P50229; A1EC87
Molecular Weight	10,335 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	Scya3; MIP-1a
NCBI Protein Information	C-C motif chemokine 3; MIP-1-alpha; small inducible cytokine A3; small-inducible cytokine A3; macrophage inflammatory protein 1-alpha; Macrophage inflammatory protein 1 alpha (Small inducible cytokine A3)
UniProt Protein Name	C-C motif chemokine 3
UniProt Gene Name	Ccl3
UniProt Synonym Gene Names	Mip1a; Scya3; MIP-1-alpha
UniProt Entry Name	CCL3_RAT

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.