

Rat MIP-1beta (CCL4) ELISA Kit | MIP-1beta elisa kit

Rat MIP-1beta (CCL4) Pre-Coated ELISA Kit

CATALOG #
AAA79421

REACTIVITY
Rat

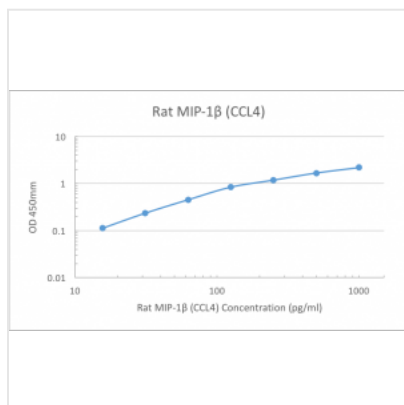
PRODUCT SYNONYMS

MIP-1beta (CCL4); Rat MIP-1beta (CCL4) Pre-Coated ELISA Kit; MIP-1beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat MIP-1beta (CCL4) Pre-Coated ELISA Kit
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Components	Anti-Rat MIP-1beta (CCL4) Pre-coated 96-well strip microplate Rat MIP-1beta (CCL4) Standard Rat MIP-1alpha (CCL3) Biotinylated antibody (100x) Avidin-Biotin-Peroxidase Complex (100x) Sample Diluent Antibody Diluent Avidin-Biotin-Peroxidase Diluent Wash Buffer Concentrate (Powder for 1000mL) Color Developing Reagent Stop Solution Plate Sealers
Interference	No detectable cross-reactivity with other relevant proteins
Preparation and Storage	Store the unopened product at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIP-1beta elisa kit	Both MIP-1a and MIP-1b are structurally and functionally related CC chemokines. They participate in host response to invading bacterial, viral, parasite and fungal pathogens, by regulating the trafficking, and activation state, of selected subgroups of inflammatory cells (e.g. macrophages, lymphocytes and NK cells). While both MIP-1a and MIP-1b exert similar effects on monocytes, their effect on lymphocytes differ; with MIP-1a selectively attracting CD8+ lymphocytes, and MIP-1b selectively attracting CD4+ lymphocytes. Additionally, MIP-1a and MIP-1b have also been shown to be potent chemoattractants for B cells, eosinophils and dendritic cells. Rat MIP-1beta (CCL4) Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure MIP-1beta (CCL4) with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for MIP-1beta (CCL4). It contains E Coli-expressed recombinant MIP-1beta (CCL4). The detection antibody is a biotinylated goat polyclonal antibody specific for MIP-1beta (CCL4). The kit is analytically validated with ready to use reagents.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25742843
NCBI GeneID	116637
NCBI Accession #	NP_446310.1
NCBI GenBank Nucleotide #	NM_053858.1
UniProt Accession #	P50230; A1EC89
Molecular Weight	10,234 Da
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	Scya4; Mip1-b
NCBI Protein Information	C-C motif chemokine 4; MIP-1-beta; macrophage inflammatory protein 1-beta; macrophage inflammatory protein-1 beta; small inducible cytokine A4; small-inducible cytokine A4
UniProt Protein Name	C-C motif chemokine 4
UniProt Gene Name	Ccl4
UniProt Synonym Gene Names	Mip1b; Scya4; MIP-1-beta
UniProt Entry Name	CCL4_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.