

Rat MIP-1alpha (CCL3) ELISA Kit | MIP-1alpha elisa kit

Rat MIP-1alpha (CCL3) Pre-Coated ELISA Kit

CATALOG #
AAA79420

REACTIVITY
Rat

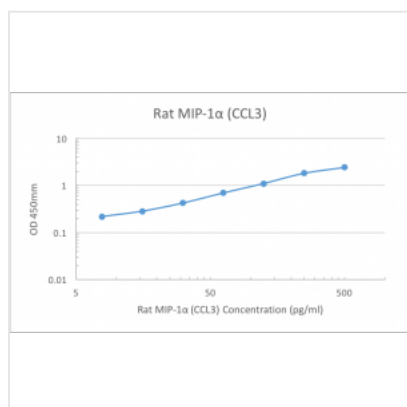
PRODUCT SYNONYMS

MIP-1alpha (CCL3); Rat MIP-1alpha (CCL3) Pre-Coated ELISA Kit; MIP-1alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat MIP-1alpha (CCL3) Pre-Coated ELISA Kit
Assay Type	Solid Phase Sandwich ELISA: 96-Well Strip Plate
Detection Range	7.8pg/ml-500pg/ml
Sensitivity	<1pg/ml
Components	Anti-Rat MIP-1alpha (CCL3) Pre-coated 96-well strip microplate Rat MIP-1alpha (CCL3) 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-1alpha elisa kit	Both MIP-1alpha and MIP-1beta 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-1alpha and MIP-1beta exert similar effects on monocytes, their effect on lymphocytes differ; with MIP-1alpha selectively attracting CD8+ lymphocytes, and MIP-1beta selectively attracting CD4+ lymphocytes. Additionally, MIP-1alpha and MIP-1beta have also been shown to be potent chemoattractants for B cells, eosinophils and dendritic cells. Rat MIP-1alpha (CCL3) Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure MIP-1alpha (CCL3) with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for MIP-1alpha (CCL3). It contains E Coli-expressed recombinant MIP-1alpha (CCL3). The detection antibody is a biotinylated goat polyclonal antibody specific for MIP-1alpha (CCL3). The kit is analytically validated with ready to use reagents.
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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; Macrophage inflammatory protein 1 alpha (Small inducible cytokine A3); macrophage inflammatory protein 1-alpha; small inducible cytokine A3; 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.