

Mouse CCL9/Mip 1 Gamma ELISA Kit | CCL9 elisa kit

Mouse CCL9/Mip 1 Gamma PicoKine Fast ELISA Kit

CATALOG #
AAA125361

REACTIVITY
Mouse

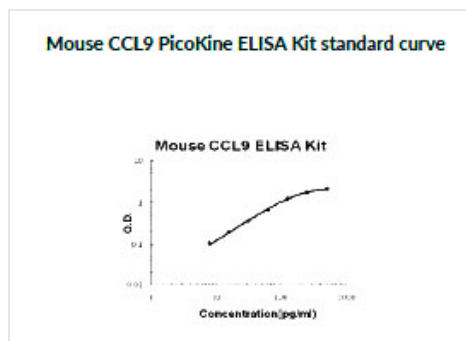
PRODUCT SYNONYMS

CCL9/Mip 1 Gamma; Mouse CCL9/Mip 1 Gamma PicoKine Fast ELISA Kit; mouse CCL9; C-C motif chemokine 9; CCF18; Macrophage inflammatory protein 1-gamma; MIP-1-gamma; Macrophage inflammatory protein-related protein 2; MRP-2; Small-inducible cytokine A9; CCL9(29-101); CCL9(30-101); CCL9(31-101); Ccl9; Mrp2; Scya10; Scya9; CCL9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Ccl9
Sequence Length	122
Samples	Cell culture supernates, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	7.8pg/ml-500pg/ml
Sensitivity	<1pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL9 elisa kit	Principle of the Assay: The Picokine™ Mouse Ccl9 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Ccl9 with a 96-well strip plate that is pre-coated with antibody specific for Ccl9. The detection antibody is a biotinylated antibody specific for Ccl9. The capture antibody is monoclonal antibody from rat, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Mouse Ccl9 with immunogen: Expression system for standard: E.coli; Immunogen sequence: Q22-Q122. The kit is analytically validated with ready to use reagents. To measure Mouse Ccl9, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Mouse Ccl9 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Ccl9 in the sample.!!Background/Introduction: Chemokine(C-C motif) ligand 9(CCL9), also called MIP-1 gamma and MRP-2, is a small cytokine belonging to the CC chemokine family. CCL9 which found around Peyer's patches is secreted by follicle-associated epithelium(FAE), and it can attract dendritic cells that possess the cell surface molecule CD11b and the chemokine receptor CCR1. CCL9 is constitutively expressed in macrophages and myeloid cells. CCL9 can activate osteoclasts through its receptor CCR1(the most abundant chemokine receptor found on osteoclasts) suggesting an important role for CCL9 in bone resorption.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1234835
NCBI GeneID	20308
UniProt Accession #	P51670
NCBI Official Full Name	macrophage inflammatory protein-1gamma
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 9
NCBI Official Symbol	Ccl9
NCBI Official Synonym Symbols	CCF18; MRP-2; Scya9; Scya10
NCBI Protein Information	C-C motif chemokine 9
UniProt Protein Name	C-C motif chemokine 9
UniProt Gene Name	Ccl9
UniProt Synonym Gene Names	Mrp2; Scya10; Scya9; MIP-1-gamma; MRP-2
UniProt Entry Name	CCL9_MOUSE

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.