

Rat CCL4/MIP1beta ELISA Kit | CCL4/MIP1beta elisa kit

Rat CCL4/MIP1beta PicoKine Quick ELISA Kit

CATALOG # AAA128080	REACTIVITY Rat	APPLICATIONS ELISA
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PRODUCT SYNONYMS

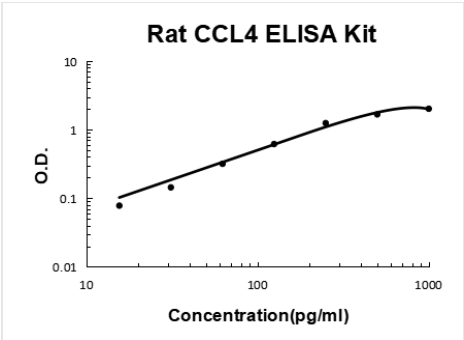
CCL4/MIP1beta; Rat CCL4/MIP1beta PicoKine Quick ELISA Kit; C-C motif chemokine 4; Macrophage inflammatory protein 1-beta; MIP-1-beta; Small-inducible cytokine A4; Ccl4; Mip1b; Scya4; CCL4/MIP1beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	cell culture supernatants, serum and plasma (heparin, EDTA, citrate)
Assay Range	15.6pg/ml-1,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: A24-N92
Anticoagulant	heparin, EDTA or citrate
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CCL4/MIP1beta elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)015.631.262.512525050010000.D.0.0180.0960.1620.3360.6361.2671.6912.040
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)3114445331148419Standard deviation1.429.2124.311.6712.1324.3CV (%)4.6%6.4%5.5%5.4%8.2%5.8%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 1312731272926.8%Sample 21441601471491506.044%Sample 345345850852048429.66.1%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
 Rat CCL4/MIP-1 beta PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL4/MIP1beta elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for CCL4/MIP1beta elisa kit	Quick ELISA Kits

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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/ccl4-mip1beta/128080>