

Mouse CCL12/MCP-5 ELISA Kit | CCL12/MCP-5 elisa kit

Mouse CCL12/MCP-5 (Monocyte Chemotactic Protein 5) ELISA Kit

CATALOG #
AAA165429

REACTIVITY
Mouse

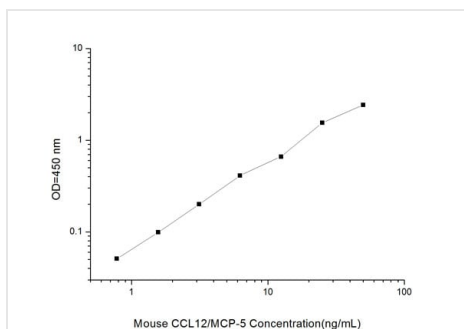
PRODUCT SYNONYMS

CCL12/MCP-5; Mouse CCL12/MCP-5 (Monocyte Chemotactic Protein 5) ELISA Kit; CCL12/MCP-5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse CCL12/MCP-5. No significant cross-reactivity or interference between Mouse CCL12/MCP-5 and analogues was observed.
Sequence Length	104
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL12/MCP-5 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse CCL12/MCP-5 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CCL12/MCP-5. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CCL12/MCP-5 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CCL12/MCP-5, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CCL12/MCP-5. You can calculate the concentration of CCL12/MCP-5 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119226206
NCBI GeneID	20293
NCBI Accession #	NP_035461.2
NCBI GenBank Nucleotide #	NM_011331.2
UniProt Accession #	Q62401; Q9QYD6
Molecular Weight	11,659 Da
NCBI Official Full Name	C-C motif chemokine 12
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 12
NCBI Official Symbol	Ccl12
NCBI Official Synonym Symbols	MCP-5; Scya12
NCBI Protein Information	C-C motif chemokine 12; MCP-1-related chemokine; monocyte chemoattractant protein 5; monocyte chemotactic protein 5; small inducible cytokine A12; small-inducible cytokine A12
UniProt Protein Name	C-C motif chemokine 12
UniProt Gene Name	Ccl12
UniProt Synonym Gene Names	Mcp5; Scya12; MCP-5
UniProt Entry Name	CCL12_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.