

Porcine MCP-1 ELISA Kit | MCP-1 elisa kit

Porcine MCP-1 (Monocyte Chemotactic Protein 1) ELISA Kit

CATALOG #
AAA163957

REACTIVITY
Porcine

PRODUCT SYNONYMS

MCP-1; Porcine MCP-1 (Monocyte Chemotactic Protein 1) ELISA Kit; MCP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes Porcine KIM-1 in samples. No significant cross-reactivity or interference between Porcine KIM-1 and analogues was observed.
Sequence Length	99
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Porcine KIM-1 were tested 20 times on one plate, respectively
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Porcine KIM-1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for MCP-1 elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine KIM-1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Porcine KIM-1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Porcine KIM-1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Porcine KIM-1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Porcine KIM-1. You can calculate the concentration of Porcine KIM-1 in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	545465
NCBI GeneID	6347
UniProt Accession #	P13500 ; Q9UDF3 ; B2R4V3

Molecular Weight	11,025 Da
NCBI Official Full Name	MCP-1
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 2
NCBI Official Symbol	CCL2
NCBI Official Synonym Symbols	HC11; MCAF; MCP1; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30
NCBI Protein Information	C-C motif chemokine 2; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic and activating factor; monocyte chemotactic protein 1; monocyte secretory protein JE; small inducible cytokine A2 (monocyte chemotactic protein 1, homologous to mouse Sig-je); small inducible cytokine subfamily A (Cys-Cys), member 2; small-inducible cytokine A2
UniProt Protein Name	C-C motif chemokine 2
UniProt Gene Name	CCL2
UniProt Synonym Gene Names	MCP1; SCYA2; MCAF; MCP-1
UniProt Entry Name	CCL2_HUMAN

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://www.aaabiotech.com/porcine-elisa-kits/mcp-1/163957>