

Monocyte Chemotactic Protein 1 (MCP1) ELISA Kit | MCP1 elisa kit

Rhesus monkey Monocyte Chemotactic Protein 1 (MCP1) ELISA Kit

CATALOG #
AAA139314

REACTIVITY
Rhesus monkey

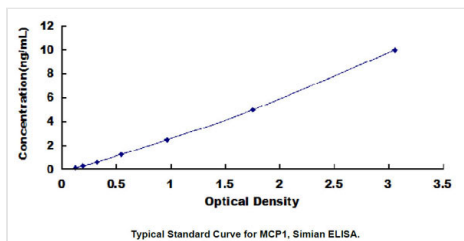
PRODUCT SYNONYMS

Monocyte Chemotactic Protein 1 (MCP1); Rhesus monkey Monocyte Chemotactic Protein 1 (MCP1) ELISA Kit; CCL2; GDCF2; HC11; HSMCR30; MCAF; MCP1; SCYA2; SMC-CF; Chemokine C-C-Motif Ligand 2; Monocyte Chemotactic And Activating Factor; Monocyte Secretory Protein JE; MCP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rhesus monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of MCP1. No significant cross-reactivity or interference between MCP1 and analogues was observed.
Sequence Length	44
Assay Type	Quantitative Sandwich
Samples	Simian serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MCP1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MCP1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCP1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MCP1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MCP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MCP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of MCP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MCP1 in simian serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for MCP1 elisa kit	Cytokine; Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	13160982
Molecular Weight	4,830 Da
NCBI Official Full Name	monocyte chemotactic protein 1, partial
UniProt Protein Name	Monocyte chemotactic protein 1
UniProt Gene Name	MCP1
UniProt Entry Name	Q9BG83_PONPY

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monkey-rhesus-monkey-elisa-kits/monocyte-chemotactic-protein-1-mcp1/139314>