

Human Monocyte Chemotactic Protein 1 (MCP1) CLIA Kit | MCP1 clia kit

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CATALOG #
AAA141118

REACTIVITY
Human

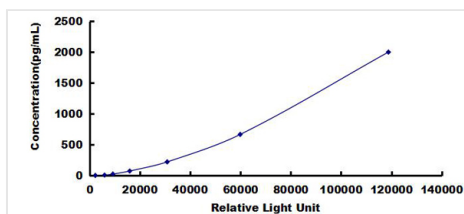
PRODUCT SYNONYMS

Monocyte Chemotactic Protein 1 (MCP1); Human Monocyte Chemotactic Protein 1 (MCP1) CLIA 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 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Monocyte Chemotactic Protein 1 (MCP1). No significant cross-reactivity or interference between Monocyte Chemotactic Protein 1 (MCP1) and analogues was observed.
Sequence Length	44
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	2.74-2,000pg/mL
Sensitivity	0.97pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Monocyte Chemotactic Protein 1 (MCP1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Monocyte Chemotactic Protein 1 (MCP1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Monocyte Chemotactic Protein 1 (MCP1). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Monocyte Chemotactic Protein 1 (MCP1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Monocyte Chemotactic Protein 1 (MCP1) level in the sample or standard.;
Product Categories/Family for MCP1 clia kit	Cytokine ; Tumor immunity ; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	663497593
Molecular Weight	5,028 Da
NCBI Official Full Name	monocyte chemotactic protein-1, partial
UniProt Protein Name	Monocyte chemotactic protein-1
UniProt Gene Name	MCP-1
UniProt Entry Name	A0A075IJR0_MUSPF

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/human-clia-kits/monocyte-chemotactic-protein-1-mcp1/141118>