

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

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CATALOG #
AAA171303

REACTIVITY
Human

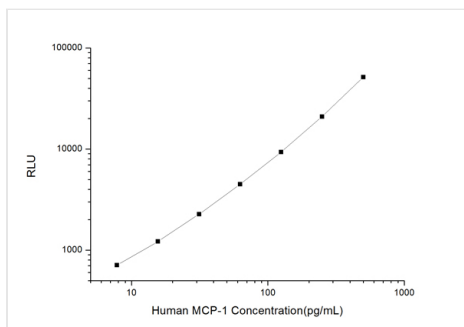
PRODUCT SYNONYMS

MCP-1 (Monocyte Chemotactic Protein 1); Human MCP-1 (Monocyte Chemotactic Protein 1) CLIA Kit; CCL2; GDCF-2; HC11; HSMCR30; MCAF; MCP1; SCYA2; SMC-CF; MCP-1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant MCP-1. No significant cross-reactivity or interference between MCP-1 and analogues was observed.
Sequence Length	44
Assay Type	Sandwich
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCP-1 clia kit

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

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to MCP-1. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MCP-1 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 MCP-1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of MCP-1. You can calculate the concentration of MCP-1 in the samples by comparing the RLU value of the samples to the standard curve.

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.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/mcp-1-monocyte-chemotactic-protein-1/171303>