

Human Monocyte Chemotactic Protein 2 ELISA Kit | MCP 2 elisa kit

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 CATALOG #
AAA82535

 REACTIVITY
Human

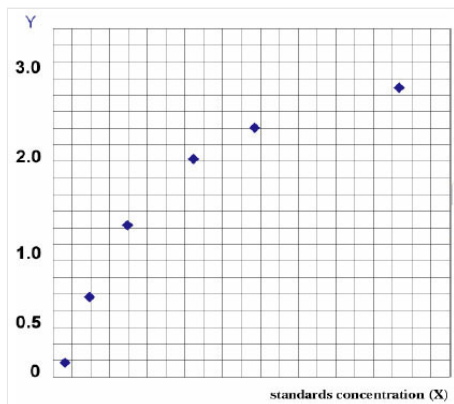
PRODUCT SYNONYMS

Monocyte Chemotactic Protein 2; Human Monocyte Chemotactic Protein 2 ELISA Kit; MCP 2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCP 2 elisa kit	Intended Uses: This MCP-2 ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of MCP-2in the sample, this MCP-2ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusMCP-2concentration. The concentration of MCP-2in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This MCP-2enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for MCP-2. Standards or samples are then added to the microtiter plate wells and MCP-2if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of MCP-2present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for MCP-2are added to each well to "sandwich" the MCP-2immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that contain MCP-2and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for MCP 2 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	2916796
NCBI GeneID	6355
UniProt Accession #	P80075; P78388; A0AV77
Molecular Weight	11,246 Da
NCBI Official Full Name	monocyte chemotactic protein-2
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 8
NCBI Official Symbol	CCL8
NCBI Official Synonym Symbols	HC14; MCP2; MCP-2; SCYA8; SCYA10
NCBI Protein Information	C-C motif chemokine 8; small-inducible cytokine A8; monocyte chemotactic protein 2; monocyte chemoattractant protein 2; small inducible cytokine subfamily A (Cys-Cys), member 8 (monocyte chemotactic protein 2)
UniProt Protein Name	C-C motif chemokine 8
UniProt Gene Name	CCL8
UniProt Synonym Gene Names	MCP2; SCYA10; SCYA8; MCP-2
UniProt Entry Name	CCL8_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://stage.aaabiotech.com/mcp-2-human-elisa-kits/monocyte-chemotactic-protein-2/82535>