

Rat MCP-3 ELISA Kit | MCP-3 elisa kit

Rat MCP-3 (Monocyte Chemotactic Protein 3) ELISA Kit

CATALOG #
AAA164915

REACTIVITY
Rat

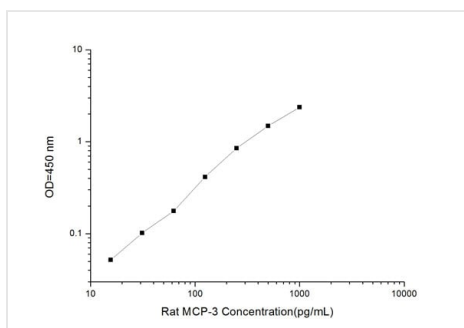
PRODUCT SYNONYMS

MCP-3; Rat MCP-3 (Monocyte Chemotactic Protein 3) ELISA Kit; MCP-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat MCP-3. No significant cross-reactivity or interference between Rat MCP-3 and analogues was observed.
Sequence Length	109
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat MCP-3 concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCP-3 elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to MCP-3. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MCP-3 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-3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 MCP-3. You can calculate the concentration of MCP-3 in the samples by comparing the OD of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	313708
UniProt Accession #	P80098; Q569J6
Molecular Weight	11,200 Da
NCBI Official Full Name	monocyte chemotactic protein-3
UniProt Protein Name	C-C motif chemokine 7
UniProt Gene Name	CCL7
UniProt Synonym Gene Names	MCP3; SCYA6; SCYA7; MCP-3
UniProt Entry Name	CCL7_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/mcp-3/164915>