

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

MCP-3 Human ELISA Kit

CATALOG # AAA58903	REACTIVITY Human	APPLICATIONS ELISA
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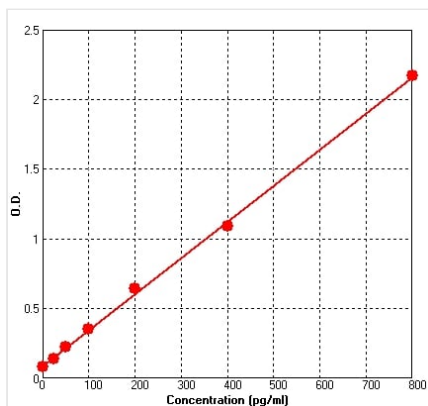
PRODUCT SYNONYMS

MCP-3; MCP-3 Human ELISA Kit; Human MCP-3; MCP-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	15 pg/ml-800 pg/ml
Applicable Applications for MCP-3 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCP-3 elisa kit	Principle of the Assay: This kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. The purified anti-MCP-3 antibody was pre-coated onto 96-well plates. And the HRP conjugated anti-MCP-3 antibody was used as detection antibodies. The standards, test samples and HRP conjugated detection antibody were added to the wells subsequently, mixed and incubated, then, unbound conjugates were washed away with wash buffer. TMB substrates (A & B) were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the MCP-3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of MCP-3 can be calculated. Background: Monocyte-specific chemokine 3 (MCP3), also called chemokine (C-C motif) ligand 7 (CCL7), is a small cytokine known as a chemokine that belongs to the C-C chemokine family. It is produced by certain tumor cell lines and by macrophages. This chemokine is located on chromosome 17 in humans, in a large cluster containing many other CC chemokines and is most closely related to CCL2 (previously called MCP1).It was identified as a physiologic substrate of gelatinase A. Cleaved MCP3 binds to CC-chemokine receptors-1, -2, and -3, but no longer induces calcium fluxes or promotes chemotaxis, and instead acts as a general chemokine antagonist that dampens inflammation.
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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/human-elisa-kits/mcp-3/58903>