

Monkey Monocyte Chemotactic Protein 3 ELISA Kit | MCP-3 elisa kit

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CATALOG #
AAA88809

REACTIVITY
Monkey

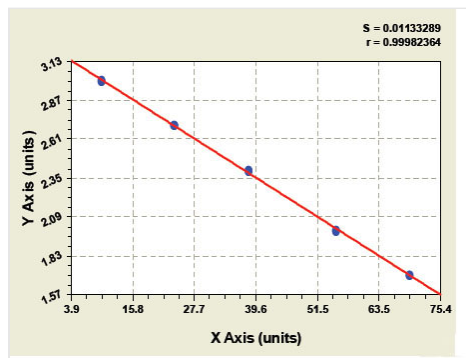
PRODUCT SYNONYMS

Monocyte Chemotactic Protein 3; Monkey Monocyte Chemotactic Protein 3 ELISA Kit; MCP-3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This MCP3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey MCP3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MCP-3 elisa kit

Principle of the assay: MCP3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MCP3 antibody and an MCP3-HRP conjugate. The assay sample and buffer are incubated together with MCP3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MCP3 concentration since MCP3 from samples and MCP3-HRP conjugate compete for the anti-MCP3 antibody binding site. Since the number of sites is limited, as more sites are occupied by MCP3 from the sample, fewer sites are left to bind MCP3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MCP3 concentration in each sample is interpolated from this 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.

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Online datasheet: <https://stage.aaabiotech.com/mcp-3-monkey-elisa-kits/monocyte-chemotactic-protein-3/88809>