

Mouse chemokine (C-C motif) ligand 7 ELISA Kit | CCL7 elisa kit

Mouse monocyte chemotactic protein 3, MCP-3 ELISA Kit

CATALOG #
AAA15219

REACTIVITY
Mouse

PRODUCT SYNONYMS

chemokine (C-C motif) ligand 7; Mouse monocyte chemotactic protein 3; MCP-3 ELISA Kit; MCP-3 ELISA kit; FIC; MARC; MCP-3; MCP3; MGC138463; MGC138465; NC28; SCYA6; SCYA7; monocyte chemoattractant protein 3; monocyte chemotactic protein 3; small inducible cytokine A7 (monocyte chemotactic protein 3) ; CCL7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MCP-3. No significant cross-reactivity or interference between mouse MCP-3 and analogues was observed.
Sequence Length	97
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 pg/ml-100 pg/ml
Sensitivity	< 0.39 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL7 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MCP-3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MCP-3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MCP-3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MCP-3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7305463
NCBI GeneID	20306
NCBI Accession #	NP_038682.1
NCBI GenBank Nucleotide #	NM_013654.3
UniProt Accession #	Q03366
Molecular Weight	10,999 Da
NCBI Official Full Name	C-C motif chemokine 7
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 7
NCBI Official Symbol	Ccl7
NCBI Official Synonym Symbols	fic; marc; mcp3; MCP-3; Scya7
NCBI Protein Information	C-C motif chemokine 7; RANTES/sis homolog; intercrine/chemokine MARC; small inducible cytokine A7; small-inducible cytokine A7; monocyte chemotactic protein 3; monocyte chemoattractant protein 3
UniProt Protein Name	C-C motif chemokine 7
UniProt Gene Name	Ccl7
UniProt Synonym Gene Names	Fic; Mcp3; Scya7; MCP-3
UniProt Entry Name	CCL7_MOUSE

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/ccl7-mouse-elisa-kits/chemokine-c-c-motif-ligand-7/15219>