

Mouse CCL12/MCP5 ELISA Kit | Ccl12 elisa kit

Mouse CCL12/MCP5 PicoKine ELISA Kit

CATALOG # AAA45825	REACTIVITY Mouse
------------------------------	----------------------------

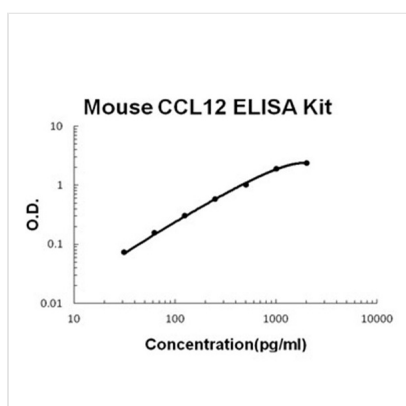
PRODUCT SYNONYMS

CCL12/MCP5; Mouse CCL12/MCP5 PicoKine ELISA Kit; C-C motif chemokine 12; chemokine (C-C motif) ligand 12; C C motif chemokine 12; Ccl12; MCP 1 related chemokine; Monocyte chemoattractant protein 5; Monocyte chemotactic protein 5; Scya12; Small inducible cytokine A12; Ccl12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CCL12
Sequence Length	104
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse CCL12/MCP5 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for Ccl12 elisa kit	Principle of the assay: mouse CCL12 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CCL12 has been precoated onto 96-well plates. Standards(E.coli, G23-G104) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL12 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 mouse CCL12 amount of sample captured in plate. Background: Chemokine (C-C motif) ligand 12 (CCL12) is a small cytokine belonging to the CC chemokine family that has been described in mice. It is also known as monocyte chemotactic protein 5 (MCP-5) and, due to its similarity with the human chemokine MCP-1, sometimes it is called MCP-1-related chemokine. CCL12 specifically attracts eosinophils, monocytes and lymphocytes. This chemokine is found predominately in lymph nodes and thymus under normal conditions, and its expression can be hugely induced in macrophages. It is thought to coordinate cell movements during early allergic reactions, and immune response to pathogens. The gene for CCL12 is found in a cluster of CC chemokines on mouse chromosome 11.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	2493663
NCBI GeneID	102641905
UniProt Accession #	Q62401; Q9QYD6
Molecular Weight	11,659 Da
NCBI Official Full Name	C-C motif chemokine 12
NCBI Official Symbol	LOC102641905
NCBI Protein Information	c-C motif chemokine 12-like
UniProt Protein Name	C-C motif chemokine 12
UniProt Gene Name	Ccl12
UniProt Synonym Gene Names	Mcp5; Scya12; MCP-5
UniProt Entry Name	CCL12_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/ccl12-mcp5/45825>