

Mouse CCL28 ELISA Kit | CCL28 elisa kit

Mouse CCL28 PicoKine ELISA Kit

CATALOG #
AAA45929

REACTIVITY
Mouse

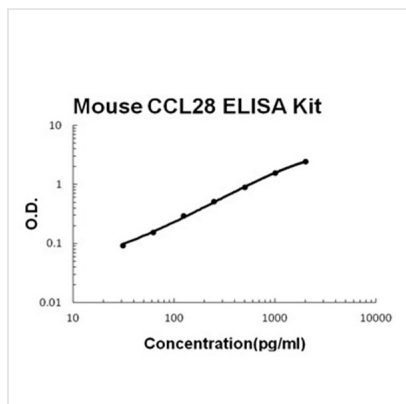
PRODUCT SYNONYMS

CCL28; Mouse CCL28 PicoKine ELISA Kit; C-C motif chemokine 28; chemokine (C-C motif) ligand 28; CCK 1; CCK1; CCL 28; Chemokine (C-C motif) ligand 28; MEC; MGC71902; Mucosae associated epithelial chemokine; OTTHUMP0000022162; SCYA28; Small inducible cytokine A28; Small inducible cytokine A28 [Precursor]; Small inducible cytokine subfamily A (Cys-Cys); member 28; CCL28 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CCL28
Sequence Length	130
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 CCL28 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL28 elisa kit	Principle of the assay: mouse CCL28 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CCL28 has been precoated onto 96-well plates. Standards (E.coli, I23-R130) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL28 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 CCL28 amount of sample captured in plate. Background: CCL28, also known as mucosae-associated epithelial chemokine (MEC), CCK1 and SCYA28, is a chemokine. It is mapped to 5p12. The tumor hypoxia promotes the recruitment of regulatory T (Treg) cells through induction of expression of the chemokine CCL28, which in turn promotes tumor tolerance and angiogenesis. CCL28 regulates the chemotaxis of cells that express the chemokine receptors CCR3 and CCR10. CCL28 has also been implicated in the migration of IgA-expressing cells to the mammary gland, salivary gland, intestine and other mucosal tissues. It has also been shown as a potential antimicrobial agent effective against certain pathogens, such as Gram negative and Gram positive bacteria and the fungus Candida albicans.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12229756
NCBI GeneID	56838
UniProt Accession #	Q9JIL2
Molecular Weight	14,570 Da
NCBI Official Full Name	C-C motif chemokine 28
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 28
NCBI Official Symbol	Ccl28
NCBI Official Synonym Symbols	MEC; CCK1; Scya28
NCBI Protein Information	C-C motif chemokine 28; small inducible cytokine A28; small-inducible cytokine A28
UniProt Protein Name	C-C motif chemokine 28
UniProt Gene Name	Ccl28
UniProt Synonym Gene Names	Scya28
UniProt Entry Name	CCL28_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/mouse-elisa-kits/ccl28/45929>