

Mouse Mucosae Associated Epithelia Chemokine ELISA Kit | MEC elisa kit

Mouse Mucosae Associated Epithelia Chemokine (MEC) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA189949

REACTIVITY
Mouse

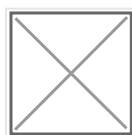
PRODUCT SYNONYMS

Mucosae Associated Epithelia Chemokine; Mouse Mucosae Associated Epithelia Chemokine (MEC) (Sandwich ELISA) ELISA Kit; CCL28; SCYA28; Small Inducible Cytokine Subfamily A(Cys-Cys)Member 28; Chemokine C-C-Motif Ligand 28; Small-inducible cytokine A28; ELISA Kit for Mucosae Associated Epithelia Chemokine (MEC); MEC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MEC. No significant cross-reactivity or interference between MEC and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MEC were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MEC were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MEC elisa kit

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MEC. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MEC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MEC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MEC in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MEC in mouse tissue homogenates, cell lysates and other biological fluids.

Product Categories/Family for MEC
elisa kit

Cytokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	9931984
NCBI GeneID	56838
NCBI Accession #	NP_064675.1
NCBI GenBank Nucleotide #	NM_020279.3
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/mec-mouse-elisa-kits/mucosae-associated-epithelia-chemokine/189949>