

Mouse CCL24/Eotaxin-2 ELISA Kit | CCL24 elisa kit

Mouse CCL24/Eotaxin-2 PicoKine ELISA Kit

CATALOG #
AAA45764

REACTIVITY
Mouse

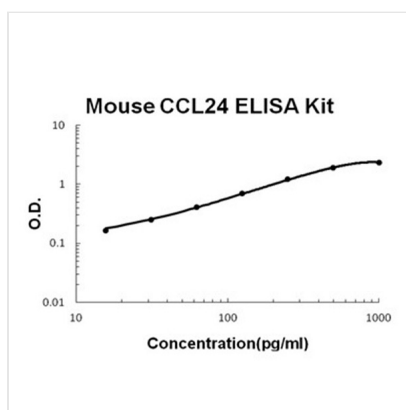
PRODUCT SYNONYMS

CCL24/Eotaxin-2; Mouse CCL24/Eotaxin-2 PicoKine ELISA Kit; C-C motif chemokine 24; chemokine (C-C motif) ligand 24; C C motif chemokine 24; CCL24; Chemokine (C C motif) ligand 24; Chemokine CC Motif Ligand 2; CK beta 6; Ckb 6; Ckb6; Eosinophil chemotactic protein 2; Eotaxin 2 like protein; MPIF 2; MPIF2; Myeloid progenitor inhibitory factor 2; OTTHUMP00000210225; SCYA24; Small inducible cytokine A24; Small inducible cytokine subfamily A (Cys Cys) member 24; CCL24 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CCL24
Sequence Length	119
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 10pg/ml
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 CCL24/Eotaxin-2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL24 elisa kit	Principle of the assay: mouse CCL24 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CCL24 has been precoated onto 96-well plates. Standards (E.coli, V27-V119) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL24 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 CCL24 amount of sample captured in plate. Background: Chemokine (C-C motif) ligand 24 (CCL24) also known as myeloid progenitor inhibitory factor 2 (MPIF-2) or eosinophil chemotactic protein 2 (eotaxin-2) is a protein that in humans is encoded by the CCL24 gene.¹ By use of PCR analysis of somatic cell hybrid DNAs, radiation hybrid mapping, and a chromosome 7-specific YAC library, mapped the SCYA24 gene to chromosome 7q11.23.² CCL24 is a small cytokine belonging to the CC chemokine family. CCL24 interacts with chemokine receptor CCR3 to induce chemotaxis in eosinophils.³ This chemokine is also strongly chemotactic for resting T lymphocytes and slightly chemotactic for neutrophils.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13431902
NCBI GeneID	56221
UniProt Accession #	Q9JKC0
Molecular Weight	12,871 Da
NCBI Official Full Name	C-C motif chemokine 24
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 24
NCBI Official Symbol	Ccl24
NCBI Official Synonym Symbols	CKb-6; MPIF-2; Scya24
NCBI Protein Information	C-C motif chemokine 24; eotaxin-2; CC chemokine CCL24; small inducible cytokine A24; small-inducible cytokine A24; eosinophil chemotactic protein 2
UniProt Protein Name	C-C motif chemokine 24
UniProt Gene Name	Ccl24
UniProt Synonym Gene Names	Scya24
UniProt Entry Name	CCL24_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.