

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

Mouse CCL24/Eotaxin-2 PicoKine Quick ELISA Kit

CATALOG # AAA126792	REACTIVITY Mouse	APPLICATIONS ELISA
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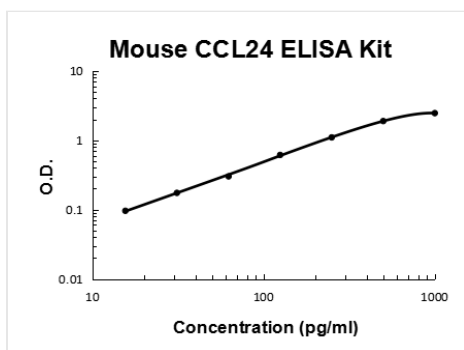
PRODUCT SYNONYMS

CCL24/Eotaxin-2; Mouse CCL24/Eotaxin-2 PicoKine Quick ELISA Kit; CCL24 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Ccl24
Assay Type	Sandwich
Samples	Cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for CCL24 elisa kit	ELISA
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 across 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 (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Mouse CCL24 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL24 elisa kit	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. Principle of the Assay: The Quick Picokine™ Mouse Ccl24 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Ccl24 in cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA). It uses our proprietary Quick ELISA technology. Quick ELISA technology employs capture antibodies conjugated to an affinity tag that is recognized by the polyclonal antibody used to coat our Quick ELISA plates. This approach to sandwich ELISA allows the formation of the antibody-analyte sandwich complex in a single step, significantly reducing assay time. The kit includes Mouse Ccl24 protein as standards. To measure Mouse Ccl24, add standards and samples to the wells, then add antibody cocktail. Wash the wells with PBS or TBS buffer, and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product is linearly proportional to Mouse Ccl24 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Ccl24 in the sample.
Product Categories/Family for CCL24 elisa kit	PicoKine ELISA Kits, Fast ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	9625035
NCBI GeneID	56221
NCBI Accession #	NP_062523.1
NCBI GenBank Nucleotide #	NM_019577.4
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; CC chemokine CCL24; eosinophil chemotactic protein 2; eotaxin-2; small inducible cytokine A24; small-inducible cytokine A24
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.