

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

Human CCL24/Eotaxin-2 PicoKine ELISA Kit

CATALOG #
AAA45539

REACTIVITY
Human

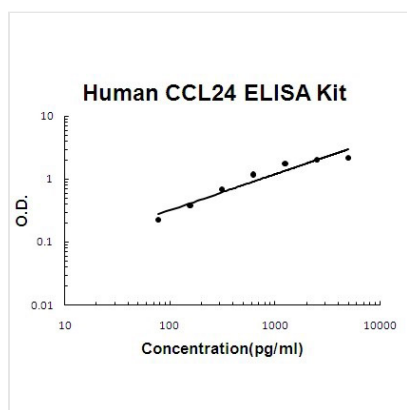
PRODUCT SYNONYMS

CCL24/Eotaxin-2; Human 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	Human
Specificity	Natural and recombinant human CCL24
Sequence Length	119
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	78pg/ml-5000pg/ml
Sensitivity	< 2pg/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)

Human CCL24/Eotaxin-2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL24 elisa kit	Principle of the assay: human CCL24 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CCL24 has been precoated onto 96-well plates. Standards(E.coli,V27-C119) 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 human 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 ofPCR 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 chemokinefamily. CCL24 interacts with chemokine receptor CCR3 to induce chemotaxis in eosinophils.³ This chemokine isalso strongly chemotactic for resting T lymphocytes and slightly chemotactic for neutrophils.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6920081
NCBI GeneID	6369
UniProt Accession #	O00175; B2R5K2
Molecular Weight	13,134 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; MPIF2; MPIF-2; SCYA24
NCBI Protein Information	C-C motif chemokine 24; CK-beta-6; eotaxin-2; small-inducible cytokine A24; eosinophil chemotactic protein 2; myeloid progenitor inhibitory factor 2; small inducible cytokine subfamily A (Cys-Cys), member 24
UniProt Protein Name	C-C motif chemokine 24
UniProt Gene Name	CCL24
UniProt Synonym Gene Names	MPIF2; SCYA24; MPIF-2
UniProt Entry Name	CCL24_HUMAN

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.