

Mouse Eotaxin ELISA Kit | CCL11 elisa kit

Mouse Eotaxin PicoKine ELISA Kit

CATALOG #
AAA45327

REACTIVITY
Mouse

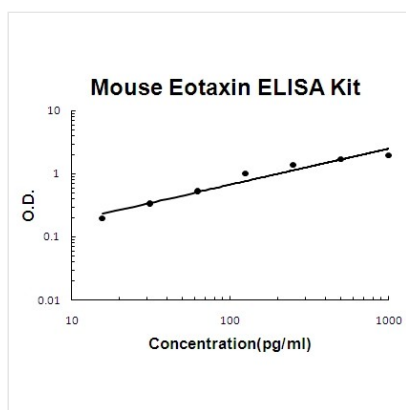
PRODUCT SYNONYMS

Eotaxin; Mouse Eotaxin PicoKine ELISA Kit; chemokine (C-C motif) ligand 11; C-C motif chemokine 11; CCL 11; CCL11; CCL11_HUMAN; Chemokine (C-C motif) ligand 11; Chemokine C C motif ligand 11; Chemokine CC Motif Ligand 11; Chemokine ligand 11; Eosinophil Chemotactic P; Eosinophil chemotactic protein; Eotaxin 1; MGC22554; SCYA 11; SCYA11; Small inducible cytokine A11; Small inducible cytokine subfamily A (Cys Cys) member 11; Small inducible cytokine subfamily A member 11; Small-inducible cytokine A11; CCL11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse Eotaxin
Sequence Length	97
Samples	Cell culture supernates, serum and plasma (citrate, EDTA)
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	< 1pg/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 Eotaxin PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL11 elisa kit	Principle of the assay: mouse Eotaxin ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for Eotaxin has been precoated onto 96-well plates. Standards(E.coli,H24-P97) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Eotaxin 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 Eotaxin amount of sample captured in plate. Background: Eotaxin, also known as CCL11, is a potent inducer of eosinophil chemotaxis and is considered as a selective ligand of the CC chemokine receptor 3 (CCR3), which is expressed on eosinophils, basophils, and Th2 lymphocytes.1Eotaxin is assumed to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections.2 The gene maps to chromosome 17 and is expressed constitutively at high levels insmall intestine and colon, and at lower levels in various other tissues. The deduced mature protein sequence is 66% identical to human monocyte chemoattractant protein-1, and 60% identical to guinea pig eotaxin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1352377
NCBI GeneID	20292
UniProt Accession #	P48298
Molecular Weight	10,893 Da
NCBI Official Full Name	Eotaxin
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 11
NCBI Official Symbol	Ccl11
NCBI Official Synonym Symbols	Scya11; eotaxin
NCBI Protein Information	eotaxin; C-C motif chemokine 11; small inducible cytokine A11; small-inducible cytokine A11; eosinophil chemotactic protein; small chemokine (C-C motif) ligand 11
UniProt Protein Name	Eotaxin
UniProt Gene Name	Ccl11
UniProt Synonym Gene Names	Scya11
UniProt Entry Name	CCL11_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/ccl11-mouse-elisa-kits/eotaxin/45327>