

Mouse CCL17/TARC ELISA Kit | CCL17 elisa kit

Mouse CCL17/TARC PicoKine ELISA Kit

CATALOG #
AAA45556

REACTIVITY
Mouse

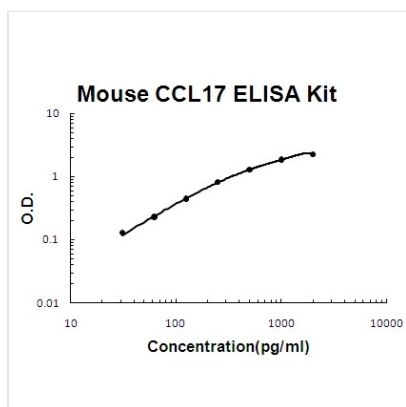
PRODUCT SYNONYMS

CCL17/TARC; Mouse CCL17/TARC PicoKine ELISA Kit; C-C motif chemokine 17; chemokine (C-C motif) ligand 17; A 152E5.3; ABCD 2; C C motif chemokine 17; CC chemokine TARC; CCL 17; CCL17; CCL17_HUMAN; Chemokine (C C motif) ligand 17; Chemokine ligand 17; MGC138271; MGC138273; SCYA17; Small inducible cytokine A17; Small inducible cytokine subfamily A (Cys Cys) member 17; Small inducible cytokine subfamily A member 17; Small-inducible cytokine A17; T cell directed CC chemokine; Thymus and activation regulated chemokine; Thymus and activation-regulated chemokine; CCL17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CCL17
Sequence Length	103
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 10pg/ml
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 between 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 (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse CCL17/TARC PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL17 elisa kit	Principle of the assay: mouse CCL17 ELISA Kit is based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CCL17 has been precoated onto 96-well plates. Standards(E.coli,A24-P93) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL17 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex is added and unbound conjugates are washed away with PBS or TBS buffer. HRP substrate TMB are used to visualize HRP enzymatic reaction. TMB is 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 CCL17 amount of sample captured in plate. Background: Chemokine (C-C motif) ligand 17 (CCL17) is a small cytokine belonging to the CC chemokine family that is also known as thymus and activation regulated chemokine (TARC). CCL17 is expressed constitutively in thymus, but only transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells.¹ This chemokine specifically binds and induces chemotaxis in T cells and elicits its effects by interacting with the chemokine receptor CCR4.^{1,2} The gene for CCL17 is located on chromosome 16, in humans, along with other chemokines called CCL22 and CX3CL1.^{3,4}
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	20295
UniProt Accession #	F6R5P4
Molecular Weight	11,539 Da
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 17
NCBI Official Symbol	Ccl17
NCBI Official Synonym Symbols	Tarc; Abcd-2; Scya17; Scya17l
NCBI Protein Information	chemokine (C-C motif) ligand 17; chemokine (C-C motif) ligand 17; small inducible cytokine subfamily A17
UniProt Protein Name	C-C motif chemokine
UniProt Gene Name	Ccl17
UniProt Entry Name	F6R5P4_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.