

Mouse CCL17/TARC ELISA Kit | CCL17 elisa kit

Mouse CCL17/TARC PicoKine Quick ELISA Kit

CATALOG # AAA126797	REACTIVITY Mouse	APPLICATIONS ELISA
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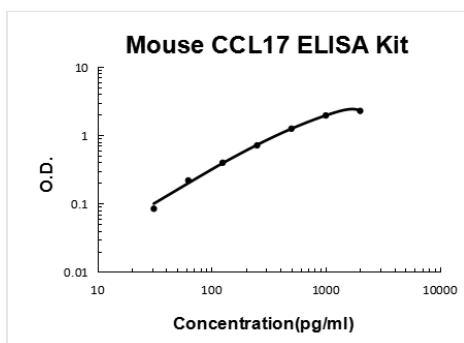
PRODUCT SYNONYMS

CCL17/TARC; Mouse CCL17/TARC PicoKine Quick ELISA Kit; CCL17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Ccl17
Assay Type	Sandwich
Samples	Cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for CCL17 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 CCL17 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL17 elisa kit	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} The standard used in this kit is recombinant human CCL17, consisting of 71 amino acids with the molecular weight of 8Kda. Principle of the Assay: The Quick Picokine™ Mouse Ccl17 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Ccl17 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 Ccl17 protein as standards. To measure Mouse Ccl17, 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 Ccl17 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 Ccl17 in the sample.
Product Categories/Family for CCL17 elisa kit	PicoKine ELISA Kits, Fast ELISA Kits

NCBI AND UNIPROT INFORMATION

UniProt Accession #	F6R5P4
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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/ccl17-tarc/126797>