

Human CCL17/TARC ELISA Kit | CCL17 elisa kit

Human CCL17/TARC PicoKine ELISA Kit

CATALOG #
AAA45273

REACTIVITY
Human

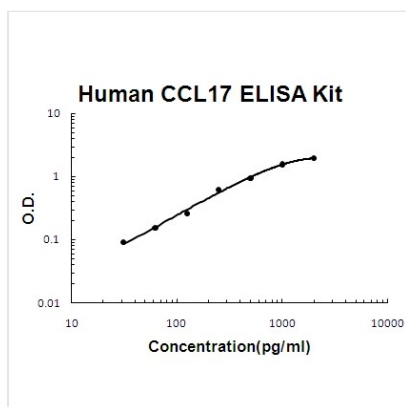
PRODUCT SYNONYMS

CCL17/TARC; Human 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	Human
Specificity	Natural and recombinant human CCL17
Sequence Length	94
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 1pg/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)

Human CCL17/TARC PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL17 elisa kit

Principle of the assay: human CCL17 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CCL17 has been precoated onto 96-well plates. Standards (E.coli,A24-S94) 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 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 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} The standard used in this kit is recombinant human CCL17, consisting of 71 amino acids with the molecular weight of 8Kda.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3024711
NCBI GeneID	6361
UniProt Accession #	Q92583 ; Q2M287 ; A0N0Q9
Molecular Weight	10,507 Da
NCBI Official Full Name	C-C motif chemokine 17
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 17
NCBI Official Symbol	CCL17
NCBI Official Synonym Symbols	TARC; ABCD-2; SCYA17; A-152E5.3
NCBI Protein Information	C-C motif chemokine 17; CC chemokine TARC; T cell-directed CC chemokine; small-inducible cytokine A17; thymus and activation-regulated chemokine; small inducible cytokine subfamily A (Cys-Cys), member 17
UniProt Protein Name	C-C motif chemokine 17
UniProt Gene Name	CCL17
UniProt Synonym Gene Names	SCYA17; TARC
UniProt Entry Name	CCL17_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ccl17-tarc/45273>