

Human CCL17 ELISA Kit | CCL17 elisa kit

CCL17 Human ELISA Kit

CATALOG # AAA59027	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

CCL17; CCL17 Human ELISA Kit; Human CCL17; CCL17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Human serum, plasma, body fluids, tissue lysates or cell culture supernatants
Detection Range	31.2 pg/ml-2000 pg/ml
Sensitivity	< 1 pg/ml
Applicable Applications for CCL17 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES

Typical Data & Standard Curve

Results of a typical standard run of a Human CCL17 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	Pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.062	0.097	0.131	0.268	0.543	0.946	1.743	2.541

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL17 elisa kit

Background: Chemokine (C-C motif) ligand 17 (CCL17), also known as thymus and activation regulated chemokine (TARC), is a small cytokine belonging to the CC chemokine family. It is expressed constitutively in thymus, but only transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells. This chemokine specifically binds and induces chemotaxis in T cells and elicits its effects by interacting with the chemokine receptor CCR4. The gene for CCL17 maps to 16q13.

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CCL17 polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CCL17 polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 CCL17 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CCL17 can be calculated.

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.