

Human CCL27/CTACK ELISA Kit | CCL27 elisa kit

Human CCL27/CTACK PicoKine ELISA Kit

CATALOG #
AAA45827

REACTIVITY
Human

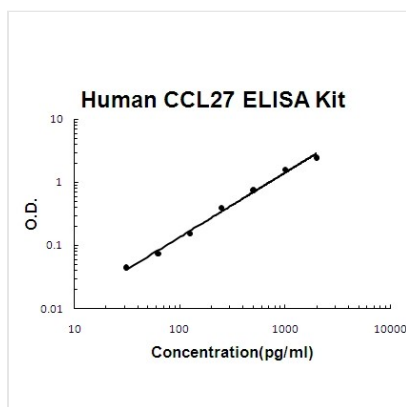
PRODUCT SYNONYMS

CCL27/CTACK; Human CCL27/CTACK PicoKine ELISA Kit; C-C motif chemokine 27; chemokine (C-C motif) ligand 27; ALP; CC chemokine ILC; Ccl27; CCL27_HUMAN; CTACK; CTAK; Cutaneous T cell attracting chemokine; Cutaneous T-cell-attracting chemokine; ESkin; IL 11 R alpha locus chemokine; IL-11 R-alpha-locus chemokine; PESKY; SCYA27; Skinkine; Small inducible cytokine A27; Small inducible cytokine subfamily A (Cys-Cys); member 27; Small-inducible cytokine A27; CCL27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CCL27
Sequence Length	112
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	15.6pg/ml-1000pg/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)

Human CCL27/CTACK PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL27 elisa kit	Principle of the assay: human CCL27 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CCL27 has been precoated onto 96-well plates. Standards(E.coli, F25-G112) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL27 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 CCL27 amount of sample captured in plate. Background: Chemokine (C-C motif) ligand 27 (CCL27) is a small cytokine belonging to the CC chemokine family, it is also known under the names IL-11 R-alpha-locus chemokine (ILC), Skinkine, ESkin and Cutaneous T-cell-attracting chemokine (CTACK). This gene is mapped to 9p13.3. CCL27 is associated with homing of memory T lymphocytes to the skin, and plays a role in T cell-mediated inflammation of the skin. CCL27 is expressed in numerous tissues, including gonads, thymus, placenta and skin. It elicits its chemotactic effects by binding to the chemokine receptor CCR10.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7674366
NCBI GeneID	10850
UniProt Accession #	Q9Y4X3
Molecular Weight	12,618 Da
NCBI Official Full Name	C-C motif chemokine 27
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 27
NCBI Official Symbol	CCL27
NCBI Official Synonym Symbols	ALP; ILC; CTAK; CTACK; PESKY; ESKINE; SCYA27
NCBI Protein Information	C-C motif chemokine 27; skinkine; CC chemokine ILC; IL-11 Ralpha-locus chemokine; small-inducible cytokine A27; IL-11 R-alpha-locus chemokine; cutaneous T-cell attracting chemokine; cutaneous T-cell-attracting chemokine; small inducible cytokine subfamily A (Cys-Cys), member 27
UniProt Protein Name	C-C motif chemokine 27
UniProt Gene Name	CCL27
UniProt Synonym Gene Names	ILC; SCYA27; CTACK
UniProt Entry Name	CCL27_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/ccl27-ctack/45827>