

Rat CTACK ELISA Kit | CTACK elisa kit

Rat CTACK (Cutaneous T-Cell Attracting Chemokine) ELISA Kit

CATALOG #
AAA165294

REACTIVITY
Rat

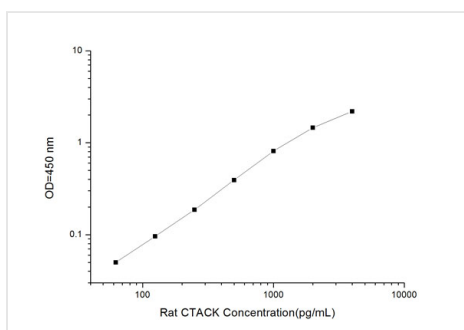
PRODUCT SYNONYMS

CTACK; Rat CTACK (Cutaneous T-Cell Attracting Chemokine) ELISA Kit; CTACK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat CTACK. No significant cross-reactivity or interference between Rat CTACK and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat CTACK and all the analogues, therefore, cross reaction may still exist.
Sequence Length	112
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTACK elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CTACK in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat CTACK. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat CTACK and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat CTACK, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat CTACK. You can calculate the concentration of Rat CTACK in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5730035
NCBI GeneID	10850
NCBI Accession #	NP_006655.1
NCBI GenBank Nucleotide #	NM_006664.3
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; CC chemokine ILC; IL-11 R-alpha-locus chemokine; IL-11 Ralpha-locus chemokine; cutaneous T-cell attracting chemokine; cutaneous T-cell-attracting chemokine; skinkine; small inducible cytokine subfamily A (Cys-Cys), member 27; small-inducible cytokine A27
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.