

Bovine Cutaneous T-Cell Attracting Chemokine ELISA Kit | CTACK elisa kit

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CATALOG #
AAA88375

REACTIVITY
Bovine

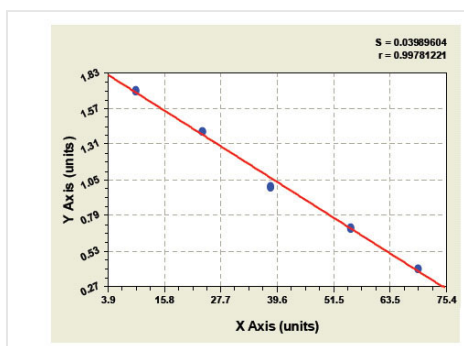
PRODUCT SYNONYMS

Cutaneous T-Cell Attracting Chemokine; Bovine Cutaneous T-Cell Attracting Chemokine ELISA Kit; CTACK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CTACK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CTACK. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTACK elisa kit

Principle of the Assay: CTACK ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CTACK antibody and an CTACK-HRP conjugate. The assay sample and buffer are incubated together with CTACK-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CTACK concentration since CTACK from samples and CTACK-HRP conjugate compete for the anti-CTACK antibody binding site. Since the number of sites is limited, as more sites are occupied by CTACK from the sample, fewer sites are left to bind CTACK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CTACK concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CTACK elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5730035
NCBI GeneID	10850
NCBI Accession #	NP_006655.1
NCBI GenBank Nucleotide #	NM_006664.3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ctack-bovine-ovine-elisa-kits/cutaneous-t-cell-attracting-chemokine/88375>