

Human CRTAM ELISA Kit | CRTAM elisa kit

Human CRTAM ELISA Kit PicoKine

CATALOG # AAA126718	REACTIVITY Human	APPLICATIONS ELISA
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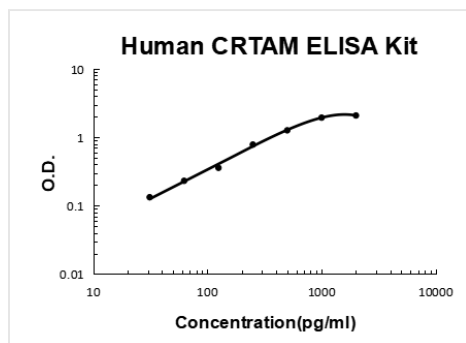
PRODUCT SYNONYMS

CRTAM; Human CRTAM ELISA Kit PicoKine; CRTAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CRTAM
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<10 pg/ml
Applicable Applications for CRTAM elisa kit	ELISA
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 across 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 (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)

Human CRTAM PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CRTAM elisa kit	Background: The CRTAM gene is upregulated in CD4-positive and CD8-positive T cells and encodes a type I transmembrane protein with V and C1-like Ig domains Principle of the Assay: The PicoKine™ Human CRTAM Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human CRTAM with a 96-well strip plate that is pre-coated with antibody specific for CRTAM. The detection antibody is a biotinylated antibody specific for CRTAM. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human CRTAM protein as standards. To measure Human CRTAM, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human CRTAM in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CRTAM in the sample.
Product Categories/Family for CRTAM elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	755571554
NCBI GeneID	56253
NCBI Accession #	NP_001291711.1
NCBI GenBank Nucleotide #	NM_001304782.1
UniProt Accession #	O95727; Q59EI1; Q6IRX2
Molecular Weight	22,256 Da
NCBI Official Full Name	cytotoxic and regulatory T-cell molecule Isoform 2
NCBI Official Synonym Full Names	cytotoxic and regulatory T-cell molecule
NCBI Official Symbol	CRTAM
NCBI Official Synonym Symbols	CD355
NCBI Protein Information	cytotoxic and regulatory T-cell molecule
UniProt Protein Name	Cytotoxic and regulatory T-cell molecule
UniProt Gene Name	CRTAM
UniProt Entry Name	CRTAM_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.