

Human CTRC ELISA Kit | CTRC elisa kit

Human CTRC PicoKine ELISA Kit

CATALOG #
AAA125216

REACTIVITY
Human

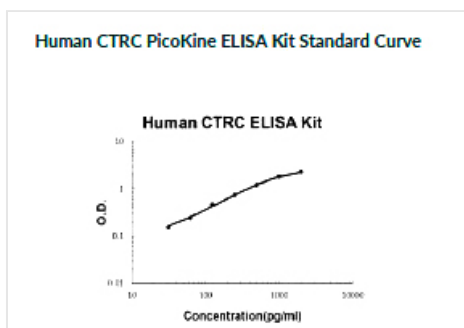
PRODUCT SYNONYMS

CTRC; Human CTRC PicoKine ELISA Kit; Human CTRC; chymotrypsin C; Chymotrypsin-C; Caldecrin; CLCR; CTRC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CTRC
Sequence Length	268
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	<20pg/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 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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTRC elisa kit	Principle of the Assay: The Picokine™ Human CTRC Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CTRC with a 96-well strip plate that is pre-coated with antibody specific for CTRC. The detection antibody is a biotinylated antibody specific for CTRC. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human CTRC with immunogen: Expression system for standard: CHO, Immunogen sequence: V30-L268. The kit is analytically validated with ready to use reagents. To measure Human CTRC, 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 substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human CTRC in the sample. Read the density 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 CTRC in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62526043
NCBI GeneID	11330
NCBI Accession #	NP_009203.2
NCBI GenBank Nucleotide #	NP_009203.2
UniProt Accession #	Q99895
NCBI Official Full Name	chymotrypsin-C preproprotein
NCBI Official Synonym Full Names	chymotrypsin C
NCBI Official Symbol	CTRC
NCBI Official Synonym Symbols	CLCR; ELA4
NCBI Protein Information	chymotrypsin-C
UniProt Protein Name	Chymotrypsin-C
UniProt Gene Name	CTRC
UniProt Synonym Gene Names	CLCR
UniProt Entry Name	CTRC_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/ctrc/125216>