

Human Cartilage acidic protein 1, CRTAC1 ELISA Kit | CRTAC1 elisa kit

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CATALOG #
AAA123726

REACTIVITY
Human

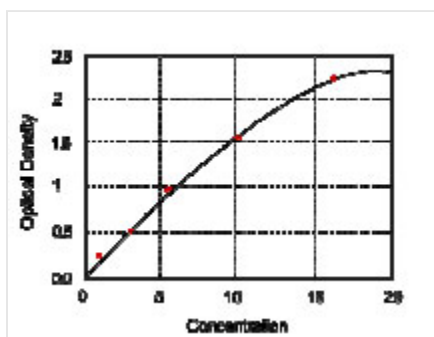
PRODUCT SYNONYMS

Cartilage acidic protein 1; CRTAC1; Human Cartilage acidic protein 1; CRTAC1 ELISA Kit; CRTAC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	646
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	2-600ng/mL
Sensitivity	1.37ng/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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRTAC1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Cartilage acidic protein 1 (also known as CRTAC1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CRTAC1 antibody. CRTAC1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CRTAC1 Antibody is added and binds to CRTAC1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CRTAC1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human CRTAC1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110626040
NCBI GenBank Nucleotide #	NP_660105.3
UniProt Accession #	Q8R555
NCBI Official Full Name	cartilage acidic protein 1 isoform 1
UniProt Protein Name	Cartilage acidic protein 1
UniProt Gene Name	Crtac1
UniProt Synonym Gene Names	Aspic1; Cep68; CEP-68

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://www.aaabiotech.com/human-elisa-kits/cartilage-acidic-protein-1-crtac1/123726>