

Human Carbonic Anhydrase 1, CA1 ELISA Kit | CA1 elisa kit

Human Carbonic Anhydrase 1, CA1 ELISA Kit

CATALOG #
AAA123195

REACTIVITY
Human

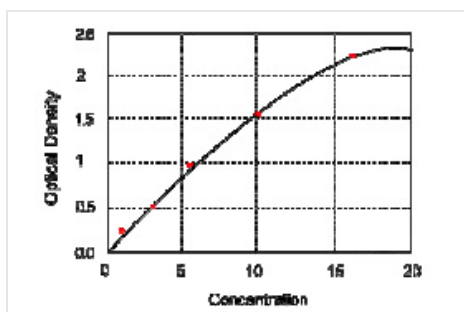
PRODUCT SYNONYMS

Carbonic Anhydrase 1; CA1; Human Carbonic Anhydrase 1; CA1 ELISA Kit; CA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	336
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-30ng/ml
Sensitivity	0.024ng/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 CA1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Carbohydrate Response Element Binding Protein (also known as CHREBP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CHREBP antibody. CHREBP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CHREBP Antibody is added and binds to CHREBP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CHREBP 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 CHREBP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	30678353
NCBI GeneID	821134
NCBI GenBank Nucleotide #	NP_850491.1
UniProt Accession #	P27140
NCBI Official Full Name	carbonic anhydrase 1
NCBI Official Symbol	CA1
NCBI Official Synonym Symbols	ARABIDOPSIS THALIANA SALICYLIC ACID-BINDING PROTEIN 3; ATBCA1; ATSABP3; BETA CARBONIC ANHYDRASE 1; carbonic anhydrase 1; F4P13.5; F4P13_5; SABP3; SALICYLIC ACID-BINDING PROTEIN 3
NCBI Protein Information	carbonic anhydrase 1
UniProt Protein Name	Beta carbonic anhydrase 1, chloroplastic
UniProt Gene Name	BCA1
UniProt Synonym Gene Names	AtbCA1; AtbetaCA1; AtSABP3

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.