

Mouse carbonic anhydrase 1, CA-1 ELISA Kit | CA-1 elisa kit

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CATALOG #
AAA123322

REACTIVITY
Mouse

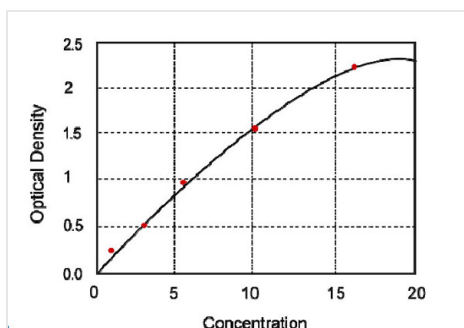
PRODUCT SYNONYMS

carbonic anhydrase 1; CA-1; Mouse carbonic anhydrase 1; CA-1 ELISA Kit; CA-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	330
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-4500ng/L
Sensitivity	9.55ng/L
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 CA-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse carbonic anhydrase 1 (also known as CA-1) 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 Mouse CA-1 antibody. CA-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CA-1 Antibody is added and binds to CA-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CA-1 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 Mouse CA-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1168738
UniProt Accession #	P46512
NCBI Official Full Name	Carbonic anhydrase 1
UniProt Protein Name	Carbonic anhydrase 1

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/mouse-elisa-kits/carbonic-anhydrase-1-ca-1/123322>