

Rat carbonic anhydrase, CA ELISA Kit | CA elisa kit

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CATALOG #
AAA42167

REACTIVITY
Rat

PRODUCT SYNONYMS

carbonic anhydrase; CA; Rat carbonic anhydrase; CA ELISA Kit; CA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	252
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.26ng/ml
Intra-Assay	CV<8%
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 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Carbonic Anhydrase (also known as CA) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat CA antibody. CA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat CA Antibody is added and binds to CA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CA 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 Rat CA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1841441
UniProt Accession #	Q50940
Molecular Weight	28,085 Da
NCBI Official Full Name	carbonic anhydrase
UniProt Protein Name	Carbonic anhydrase
UniProt Gene Name	cah

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/rat-elisa-kits/carbonic-anhydrase-ca/42167>