

Mouse Carbonic anhydrase 3, CA3 ELISA Kit | CA3 elisa kit

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CATALOG #
AAA123323

REACTIVITY
Mouse

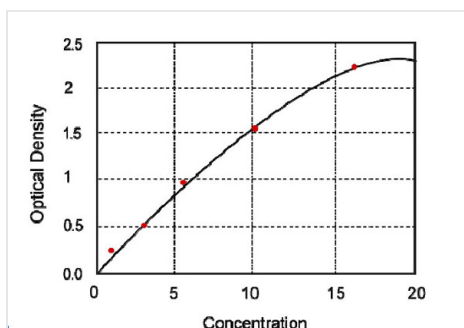
PRODUCT SYNONYMS

Carbonic anhydrase 3; CA3; Mouse Carbonic anhydrase 3; CA3 ELISA Kit; CA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	260
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	2-600ng/L
Sensitivity	1.27ng/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 CA3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Carbonic anhydrase 3 (also known as CA3) 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 CA3 antibody. CA3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CA3 Antibody is added and binds to CA3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CA3 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 CA3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255653028
NCBI GeneID	100050125
NCBI GenBank Nucleotide #	NP_001157426.1
UniProt Accession #	P07450
NCBI Official Full Name	carbonic anhydrase 3
NCBI Official Synonym Full Names	carbonic anhydrase 3
NCBI Official Symbol	CA3
NCBI Protein Information	carbonic anhydrase 3
UniProt Protein Name	Carbonic anhydrase 3
UniProt Gene Name	CA3
UniProt Synonym Gene Names	CA-III

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-3-ca3/123323>