

Mouse Carbonic anhydrase 2 ELISA Kit | Ca2 elisa kit

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CATALOG #
AAA194554

REACTIVITY
Mouse

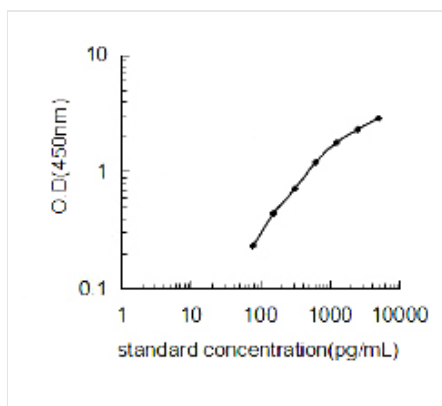
PRODUCT SYNONYMS

Carbonic anhydrase 2; Mouse Carbonic anhydrase 2 ELISA Kit; Carbonate dehydratase II; Carbonic anhydrase II; CA-II; Ca2; Car2; 4.2.1.1; Ca2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Carbonic anhydrase 2,
Sequence Length	260
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 39.6pg/mL
Intra-assay Precision	<=5.2%
Inter-assay Precision	<=7.8%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ca2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157951596
NCBI GeneID	12349
NCBI Accession #	NP_033931.4
NCBI GenBank Nucleotide #	NM_009801.4
UniProt Accession #	P00920; Q6LDQ7; Q7TPE1; Q9DCT3; Q9DCY9
Molecular Weight	29,033 Da
NCBI Official Full Name	carbonic anhydrase 2
NCBI Official Synonym Full Names	carbonic anhydrase 2
NCBI Official Symbol	Car2
NCBI Official Synonym Symbols	Ca2; CAII; Car-2; Ltw-5; Lvtw-5; AI131712
NCBI Protein Information	carbonic anhydrase 2
UniProt Protein Name	Carbonic anhydrase 2
UniProt Gene Name	Ca2
UniProt Synonym Gene Names	Car2; CA-II
UniProt Entry Name	CAH2_MOUSE

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/ca2-mouse-elisa-kits/carbonic-anhydrase-2/194554>