

Rat Carbonic Anhydrase 6, CA-6 ELISA Kit | CA6 elisa kit

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CATALOG #
AAA244276

REACTIVITY
Rat

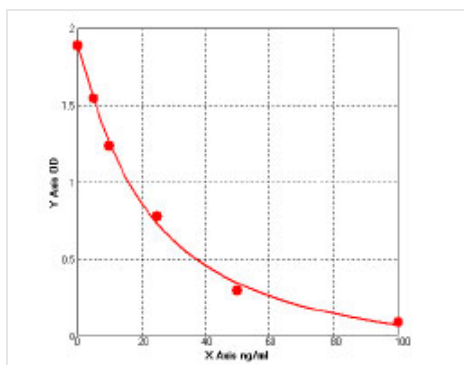
PRODUCT SYNONYMS

Carbonic Anhydrase 6; CA-6; Rat Carbonic Anhydrase 6; CA-6 ELISA Kit; CA6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CA6 elisa kit

Intended Uses: This CA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CA2. This ELISA kit for research use only!

Principle of the Assay: CA2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CA2 antibody and an CA2-HRP conjugate. The assay sample and buffer are incubated together with CA2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CA2 concentration since CA2 from samples and CA2-HRP conjugate compete for the anti-CA2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CA2 from the sample, fewer sites are left to bind CA2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CA2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CA6 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	395132469
NCBI GeneID	765
NCBI Accession #	NP_001257429.1
NCBI GenBank Nucleotide #	NM_001270500.1
Molecular Weight	28,687 Da
NCBI Official Full Name	carbonic anhydrase 6 isoform 2
NCBI Official Synonym Full Names	carbonic anhydrase VI
NCBI Official Symbol	CA6
NCBI Official Synonym Symbols	CA-VI; GUSTIN
NCBI Protein Information	carbonic anhydrase 6; carbonate dehydratase VI; salivary carbonic anhydrase; secreted carbonic anhydrase
UniProt Protein Name	Carbonic anhydrase 6
UniProt Gene Name	CA6
UniProt Synonym Gene Names	CA-VI
UniProt Entry Name	CAH6_HUMAN

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/ca6-rat-elisa-kits/carbonic-anhydrase-6-ca-6/244276>