

Human Carbonic Anhydrase VI ELISA Kit | CA6 elisa kit

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CATALOG #
AAA97742

REACTIVITY
Human

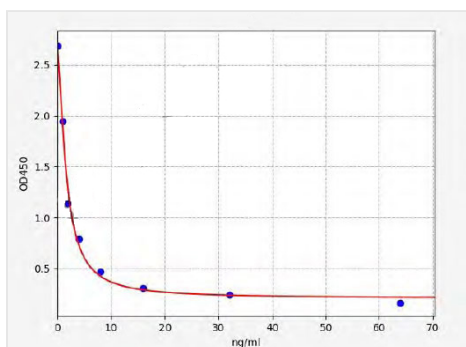
PRODUCT SYNONYMS

Carbonic Anhydrase VI; Human Carbonic Anhydrase VI ELISA Kit; CA6/CA-VI/CAVI/Gustin/Gustin/Carbonate dehydratase VI/carbonic anhydrase 6/carbonic anhydrase VIGUSTIN/CA-VI/EC 4.2.1.1/MGC21256/Salivary carbonic anhydrase/Secreted carbonic anhydrase; CA6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CA6. No significant cross-reactivity or interference between CA6 and analogues was observed.
Sequence Length	308
Assay Type	Competitive ELISA, Coated with Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1-64ng/ml
Sensitivity	0.602ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CA6 elisa kit	Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with target. During the reaction, target in the sample or standard competes with a fixed amount of target on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to target. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. 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 450nm. The concentration of target in the samples is then determined by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119592012
NCBI GeneID	765
Molecular Weight	28,687 Da
NCBI Official Full Name	carbonic anhydrase VI
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
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-human-elisa-kits/carbonic-anhydrase-vi/97742>