

Human CA9 (Carbonic Anhydrase IX) ELISA Kit | CA9 elisa kit

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CATALOG #
AAA278101

REACTIVITY
Human

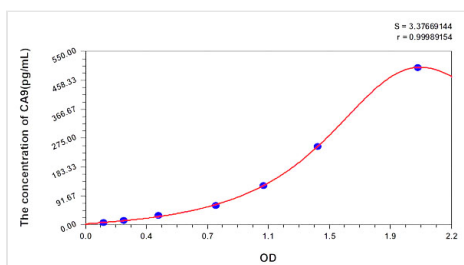
PRODUCT SYNONYMS

CA9 (Carbonic Anhydrase IX); Human CA9 (Carbonic Anhydrase IX) ELISA Kit; CA-IX; CAIX; MN; pMW1; P54/58N; Carbonic Dehydratase; Renal cell carcinoma-associated antigen G250; RCC-Associated Protein G250; Carbonate dehydratase IX; CA9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Detection Range	31.25-2000pg/mL
Sensitivity	10.4pg/mL

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CA9 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human CA9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CA9. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human CA9, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human CA9 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CA9 elisa kit

Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	119578763
NCBI GeneID	768

UniProt Accession #	Q16790; Q5T4R1
Molecular Weight	49,698 Da
NCBI Official Full Name	carbonic anhydrase IX
NCBI Official Synonym Full Names	carbonic anhydrase 9
NCBI Official Symbol	CA9
NCBI Official Synonym Symbols	MN; CAIX
NCBI Protein Information	carbonic anhydrase 9
UniProt Protein Name	Carbonic anhydrase 9
UniProt Gene Name	CA9
UniProt Synonym Gene Names	G250; MN; CA-IX; CAIX; RCC-associated antigen G250

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/human-elisa-kits/ca9-carbonic-anhydrase-ix/278101>