

Human Carbonic Anhydrase 12 (CA12) ELISA Kit | CA12 elisa kit

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CATALOG #
AAA44103

REACTIVITY
Human

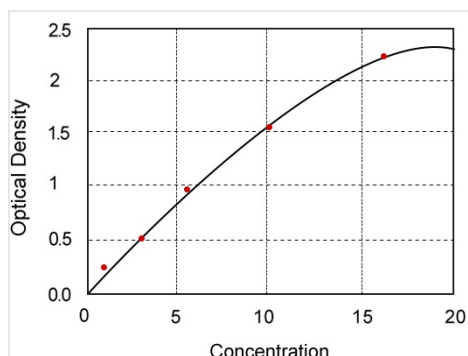
PRODUCT SYNONYMS

Carbonic Anhydrase 12 (CA12); Human Carbonic Anhydrase 12 (CA12) ELISA Kit; CA12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	354
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05mg/ml - 10mg/ml
Sensitivity	0.02mg/ml
Intra-Assay	CV<8%
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 CA12 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Carbonic Anhydrase 12 (also known as CA12) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CA12 antibody. CA12 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CA12 Antibody is added and binds to CA12 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CA12 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 human CA12. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502515
NCBI GeneID	771
NCBI Accession #	NP_001209.1
NCBI GenBank Nucleotide #	NM_001218.4
UniProt Accession #	O43570; Q53YE5; Q9BWG2; B2RE24
Molecular Weight	38,408 Da
NCBI Official Full Name	carbonic anhydrase 12 isoform 1
NCBI Official Synonym Full Names	carbonic anhydrase 12
NCBI Official Symbol	CA12
NCBI Official Synonym Symbols	CAXII; CA-XII; T18816; HsT18816
NCBI Protein Information	carbonic anhydrase 12
UniProt Protein Name	Carbonic anhydrase 12
UniProt Gene Name	CA12
UniProt Synonym Gene Names	CA-XII

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/carbonic-anhydrase-12-ca12/44103>