

Human Carbonic Anhydrase III, Muscle Specific (CA3) ELISA Kit | CA3 elisa kit

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CATALOG #
AAA41724

REACTIVITY
Human

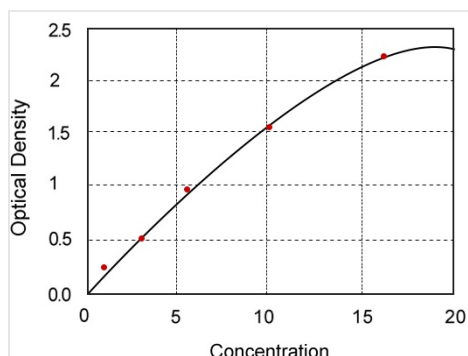
PRODUCT SYNONYMS

Carbonic Anhydrase III; Muscle Specific (CA3); Human Carbonic Anhydrase III; Muscle Specific (CA3) ELISA Kit; CA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	260
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.252ng/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 CA3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Carbonic Anhydrase III, Muscle Specific (also known as CA3) 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 CA3 antibody. CA3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CA3 Antibody is added and binds to CA3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CA3 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 CA3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	179789
NCBI GeneID	761
UniProt Accession #	P07451; O60842; B2R867; B3KUC8
Molecular Weight	29,557 Da
NCBI Official Full Name	carbonic anhydrase III
NCBI Official Synonym Full Names	carbonic anhydrase 3
NCBI Official Symbol	CA3
NCBI Official Synonym Symbols	Car3; CAIII
NCBI Protein Information	carbonic anhydrase 3
UniProt Protein Name	Carbonic anhydrase 3
UniProt Gene Name	CA3
UniProt Synonym Gene Names	CA-III

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-iii-muscle-specific-ca3/41724>