

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

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CATALOG #  
**AAA63739**

REACTIVITY  
**Human**

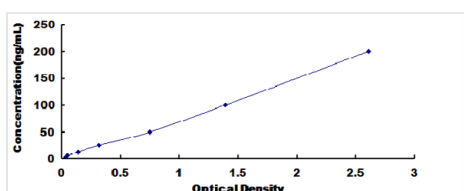
### PRODUCT SYNONYMS

Carbonic Anhydrase III; Muscle Specific (CA3); Human Carbonic Anhydrase III; Muscle Specific (CA3) ELISA Kit; CA-III; CAIII; Car3; Carbonate dehydratase III; CA3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                      |
| Sequence Length         | 260                                                                                                                                                                                                        |
| Samples                 | Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.                                                                                                      |
| Assay Type              | Sandwich                                                                                                                                                                                                   |
| Detection Range         | 3.125-200ng/mL                                                                                                                                                                                             |
| Sensitivity             | 1.34ng/mL                                                                                                                                                                                                  |
| Intra Assay             | CV<10%                                                                                                                                                                                                     |
| Inter Assay             | CV<12%                                                                                                                                                                                                     |
| Preparation and Storage | For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C. |

### IMAGES



Standard Curve (Sample)

### NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 4885099                        |
| NCBI GeneID                      | 761                            |
| NCBI Accession #                 | NP_005172.1                    |
| NCBI GenBank Nucleotide #        | NM_005181.3                    |
| UniProt Accession #              | P07451; O60842; B2R867; B3KUC8 |
| Molecular Weight                 | 29,557 Da                      |
| NCBI Official Full Name          | carbonic anhydrase 3           |
| 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             | <b>CA3</b>           |
| 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-ca3/63739>