

## Bovine Carbonic Anhydrase 6 (CA6) ELISA Kit-Sandwich

**Cat. No.: EK2F505**

**Product Type: Animal Immunoassay Kits**

**Size: 48T;96T**

### Product Overview

BioVenic Bovine Carbonic Anhydrase 6 (CA6) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Carbonic Anhydrase 6 (CA6) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

### Specifications

|                    |                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------|
| Assay Type         | ELISA-Sandwich                                                                                         |
| Specificity        | The assay kit is specific for Bovine CA6.                                                              |
| Target Species     | Bovine                                                                                                 |
| Species Reactivity | Bovine                                                                                                 |
| Reproducibility    | Intra-Assay: CV < 10%; Inter-Assay: CV < 10%                                                           |
| Assay Time         | Around 210 min                                                                                         |
| Sample Requirement | Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids. |

### Target Information

Carbonic anhydrase 6 is an enzyme that catalyzes the hydration of carbon dioxide to carbonic acid, a crucial step in various physiological processes like respiration, acid-base balance, and bone mineralization. CA6 is specifically located in the cytoplasm and nucleus. It is encoded by the bovine gene CA6. Carbonic anhydrase 6 has been found in the saliva and parotid glands of a number of mammalian species.

|                  |                                                            |
|------------------|------------------------------------------------------------|
| Target/Biomarker | Bovine CA6                                                 |
| Target Synonym   | Carbonic anhydrase 6; EC 4.2.1.1; Carbonate dehydratase VI |
| Gene ID          | <a href="#">280742</a>                                     |
| UniProt ID       | <a href="#">P18915</a>                                     |

### Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.