

## Bovine Acetylcholine (ACH) ELISA Kit-Competitive

**Cat. No.: EK2F70**

**Product Type: Animal Immunoassay Kits**

**Size: 96T**

### Product Overview

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

### Specifications

|                    |                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------|
| Assay Type         | ELISA-Competitive                                                                                      |
| Specificity        | The assay kit is specific for Bovine ACH.                                                              |
| Target Species     | Bovine                                                                                                 |
| Species Reactivity | Bovine                                                                                                 |
| Detection Range    | 15.63-1000 pg/mL                                                                                       |
| Sensitivity        | 5.31 pg/mL                                                                                             |
| Reproducibility    | Intra-Assay: CV < 10%; Inter-Assay: CV < 10%                                                           |
| Assay Time         | Around 120 min                                                                                         |
| Sample Requirement | Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids. |

### Target Information

Acetylcholine (ACh) is an organic compound that functions in the brain and body of many types of animals as a neurotransmitter. ACh is involved in memory, learning, and attention processes. It plays a major role in voluntary muscle movement throughout the body. It is crucial for brain nerve cells, impacting memory, thinking, and learning. It is a potent vasodilator of small adrenal cortical arteries.

|                  |               |
|------------------|---------------|
| Target/Biomarker | Bovine ACH    |
| Target Synonym   | Acetylcholine |

### 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.