



## Bovine acetylcholinesterase collagenic tail peptide (COLQ) ELISA kit

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|------------------------|--------------------|
| <b>Cat. No.:</b>       | OB0625WXX-373      |
| <b>Assay Type:</b>     | Quantitative ELISA |
| <b>Target Species:</b> | Bovine             |
| <b>Assay Target:</b>   | COLQ               |
| <b>Size:</b>           | 48T; 96T           |

This product is for research use only and is not intended for diagnostic use.

### Product Overview

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|------------------------|--|
| <b>Description</b>     | Bovine acetylcholinesterase collagenic tail peptide (COLQ) ELISA kit is an ELISA -based <i>in vitro</i> research tool designed specifically for the quantitative detection of COLQ in bovine. The kit is highly specific and easy to use.            |
| <b>Assay Principle</b> | The kit is based on COLQ antibody-COLQ antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect COLQ antigen targets in samples.   |
| <b>Background</b>      | COLQ anchors the catalytic subunits of asymmetric AChE to the synaptic basal lamina. Its mutations are associated with endplate acetylcholinesterase deficiency.   |
| <b>Synonyms</b>        | Collagen like tail subunit of asymmetric acetylcholinesterase; AChE Q subunit  |
| <b>Formula Weight</b>  | 33,538 Da  |
| <b>Applications</b>    | Bovine acetylcholinesterase collagenic tail peptide (COLQ) ELISA kit is an important tool for the quantitative detection of COLQ in various biological samples ( serum, plasma, cell culture supernatants, body fluid, tissue homogenate) of bovine. |
| <b>Research Area</b>   | Signal transduction  |

### Specification

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|-------------------------|---|
| <b>Sample Type</b>      | Serum; Plasma; Cell culture supernatants; Body fluid; Tissue homogenate |
| <b>Cross-reactivity</b> | No significant cross-reactivity or interference was observed.           |
| <b>Storage</b>          | Store at 2-8°C.   |