

## Rabbit cocaine- and amphetamine-regulated transcript (non-HGNC gene) (CART) ELISA kit

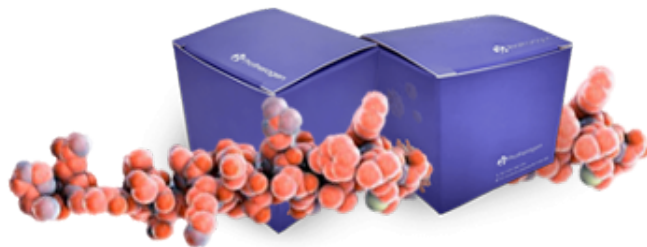
|                        |                    |
|------------------------|--------------------|
| <b>Cat. No.:</b>       | OB0625WXX-253      |
| <b>Assay Type:</b>     | Quantitative ELISA |
| <b>Target Species:</b> | Rabbit             |
| <b>Assay Target:</b>   | CART               |
| <b>Size:</b>           | 48T; 96T           |

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

### Product Overview

|                        |                                                                                                                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>     | Rabbit cocaine- and amphetamine-regulated transcript (non-HGNC gene) (CART) ELIS A kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of CART in rabbit. The kit is highly specific, sensit ive, and easy to use.                                                              |
| <b>Assay Principle</b> | The kit is based on a CART antibody-CART antigen interaction (immunosorbent) and an HRP colorimetric detection system to detect CART antigen targets in samples.                                                                                                                                                                     |
| <b>Background</b>      | CART is processed by prohormone/proprotein convertases to produce smaller, biolo gically active peptides and is considered to be involved in the regulation of ap petite and stress. Its function is closely related to the actions of Leptin and Neuropeptide Y. Mutations in the gene are associated with obesity susceptibility . |
| <b>Synonyms</b>        | CARTPT                                                                                                                                                                                                                                                                                                                               |
| <b>Formula Weight</b>  | 12,829 Da                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>    | Rabbit cocaine- and amphetamine-regulated transcript (non-HGNC gene) (CART) ELIS A kit is an important tool for the quantitative detection of CART in various bio logical samples (serum, plasma, cell culture supernatants, body fluid, tissue ho mogenate) of rabbits.                                                             |
| <b>Research Area</b>   | Appetite regulation; Signal regulation; Obesity research                                                                                                                                                                                                                                                                             |

### Specification

**Sample Type**

Serum; Plasma; Cell culture supernatants; Body fluid; Tissue homogenate

**Cross-reactivity**

No significant cross-reactivity or interference was observed.

**Storage**

Store at 2-8°C.