



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

Cat. No.:	OB0625WXX-247
Assay Type:	Quantitative ELISA
Target Species:	Goat
Assay Target:	CART
Size:	48T; 96T

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

Product Overview

Description	Goat cocaine- and amphetamine-regulated transcript (non-HGNC gene) (CART) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of CART in goat.
Assay Principle	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.
Background	CART is processed by prohormone/proprotein convertases to produce smaller, biologically active peptides and is considered to be involved in the regulation of appetite and stress. Its function is closely related to the actions of Leptin and Neuropeptide Y. Mutations in the gene are associated with obesity susceptibility.
Synonyms	CARTPT
Formula Weight	12,829 Da
Applications	Goat cocaine- and amphetamine-regulated transcript (non-HGNC gene) (CART) ELISA kit is an important tool for the quantitative detection of CART in various biological samples (serum, plasma, cell culture supernatants, body fluid, tissue homogenate) of goat.
Research Area	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.