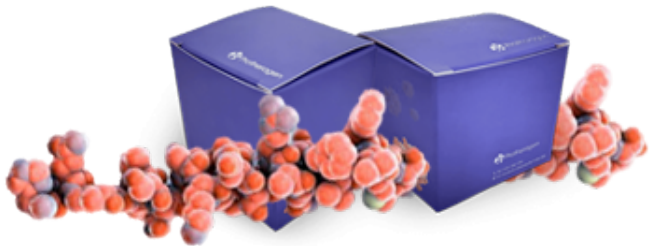
Protheragen
Obesity



Rat cocaine- and amphetamine-regulated transcript (CART) ELISA kit (15.625-1000 pg/mL)

Cat. No.:	OB0625WXX-256
Assay Type:	Quantitative sandwich ELISA
Target Species:	Rat
Assay Target:	CART
Size:	48T; 96T

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

Product Overview

Description	Rat cocaine- and amphetamine-regulated transcript (CART) ELISA kit (15.625-1000 pg/mL) is an ELISA-based *in vitro* research tool designed specifically for the quantitative detection of CART in rat with a range of 15.625-1000 pg/mL and a specificity of 5.8 pg/mL.
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, 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 .
Synonyms	CARTPT
Formula Weight	12,696 Da
Applications	Rat cocaine- and amphetamine-regulated transcript (CART) ELISA kit (15.625-1000 pg/mL) is used to quantify CART in serum, plasma, tissue homogenates, and other biological fluid samples of rat, providing data to support a wide range of studi es.
Research Area	Appetite regulation; Signal regulation; Obesity research

Specification

Address: 101-4 Colin Dr, Holbrook, NY 11741, USA
Phone: 1-631-506-1393
info@obesityscientific.com

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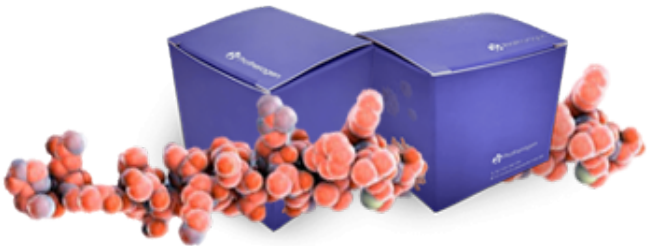

Sample Type	Serum; Plasma; Tissue homogenates; Other biological fluids
Detection Range	15.625-1000 pg/mL
Sensitivity	5.8 pg/mL
Cross-reactivity	No significant cross-reactivity or interference was observed.
Storage	Store at 4°C (TMB substrate, wash buffer, stop solution) and -20°C (other reagen ts).

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