



Monkey carboxypeptidase E (CPE) ELISA kit

Cat. No.:	OB0625WXX-409
Assay Type:	Quantitative ELISA
Target Species:	Monkey
Assay Target:	CPE
Size:	48T; 96T

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

Product Overview

Description	Monkey carboxypeptidase E (CPE) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of CPE in monkey. The kit is highly specific, sensitive, and easy to use.
Assay Principle	The kit is based on a CPE antibody-CPE antigen interaction (immunosorbent) and an HRP colorimetric detection system to detect CPE antigen targets in samples.
Background	CPE is a peripheral membrane protein that cleaves C-terminal amino acid residues and participates in the biosynthesis of peptide hormones and neurotransmitters. This protein specifically binds to proteins in the regulated secretory pathway, including prohormones, but does not bind to constitutively secreted proteins. Studies have found that mutations in the gene are related to obesity and Type 2 diabetes.
Synonyms	CPH; Enkephalin convertase; Carboxypeptidase H; Prohormone-processing carboxypeptidase; EC 3.4.17.10
EC NO.	3.4.17.10
Formula Weight	49,886 Da
Applications	Monkey carboxypeptidase E (CPE) ELISA kit is an important tool for the quantitative detection of CPE in various biological samples (serum, plasma, cell culture supernatants, body fluid, tissue homogenate) of monkey.
Research Area	Metabolism; 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.