



## Goat carboxypeptidase E (CPE) ELISA kit

<b>Cat. No.:</b>	OB0625WXX-403
<b>Assay Type:</b>	Quantitative ELISA
<b>Target Species:</b>	Goat
<b>Assay Target:</b>	CPE
<b>Size:</b>	48T; 96T

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

### Product Overview

<b>Description</b>	Goat carboxypeptidase E (CPE) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of CPE in goat.
<b>Assay Principle</b>	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.
<b>Background</b>	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.
<b>Synonyms</b>	CPH; Enkephalin convertase; Carboxypeptidase H; Prohormone-processing carboxypeptidase; EC 3.4.17.10
<b>EC NO.</b>	3.4.17.10
<b>Formula Weight</b>	49,886 Da
<b>Applications</b>	Goat 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 goat.
<b>Research Area</b>	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.