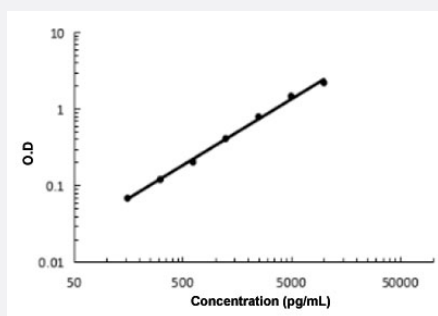


CPE (Human) ELISA Kit

Catalog # KA5768 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	CPE (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human CPE.
Suitable Sample	Cell Culture Supernates, Plasma (Heparin, EDTA), and Serum.
Sample Volume	100 μ L
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 ng/mL
Reactivity	Human
Regulatory Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

- Quantification

Gene Info — CPE

Entrez GeneID [1363](#)

Protein Accession# [P16870](#)

Gene Name CPE

Gene Alias -

Gene Description carboxypeptidase E

Omim ID [114855](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a carboxypeptidase that cleaves C-terminal amino acid residues and is involved in the biosynthesis of peptide hormones and neurotransmitters, including insulin. It is a peripheral membrane protein. The protein specifically binds regulated secretory pathway proteins, including prohormones, but not constitutively secreted proteins. Mutations in this gene are implicated in type II diabetes. [provided by RefSeq]

Other Designations -

Pathway

- [Type I diabetes mellitus](#)

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Atherosclerosis](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)

- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertrophy](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)