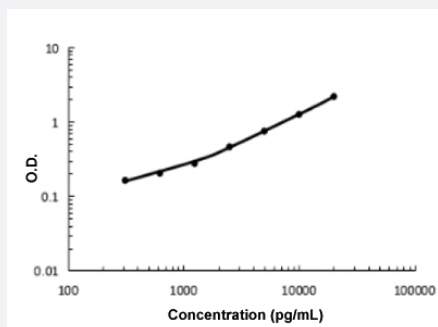


CNDP1 (Human) ELISA Kit

Catalog # KA5808

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 CNDP1 (Human) ELISA Kit is a sandwich enzyme-linked immunosorbent assay for the quantitative measurement of human CNDP1.

Suitable Sample Cell Culture Supernates, Plasma (EDTA, Heparin), and Serum.

Sample Volume 100 μ L

Label HRP-conjugated

Detection Method Colorimetric

Assay Type Quantitative

Calibration Range 6.25 ng/ml to 400 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 — CNDP1

Entrez GeneID	84735
Protein Accession#	Q96KN2
Gene Name	CNDP1
Gene Alias	CN1, CPGL2, HsT2308, MGC102737, MGC10825, MGC142072
Gene Description	carnosine dipeptidase 1 (metallopeptidase M20 family)
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the M20 metalloprotease family. The encoded protein is specifically expressed in the brain, is a homodimeric dipeptidase which was identified as human carnosinase. This gene contains trinucleotide (CTG) repeat length polymorphism in the coding region. [provided by RefSeq]
Other Designations	carnosinase 1 glutamate carboxypeptidase-like protein 2

Pathway

- [beta-Alanine metabolism](#)
- [Histidine metabolism](#)
- [Metabolic pathways](#)

Disease

- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)