

Human Cytosolic non-specific dipeptidase ELISA Kit | CNDP2 elisa kit

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CATALOG #
AAA99851

REACTIVITY
Human

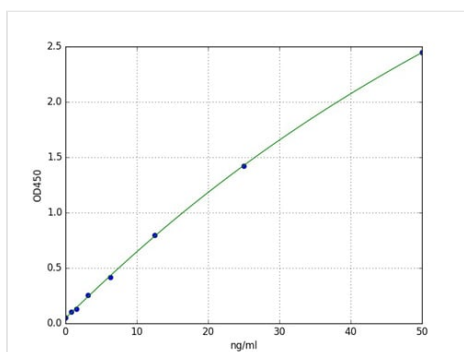
PRODUCT SYNONYMS

Cytosolic non-specific dipeptidase; Human Cytosolic non-specific dipeptidase ELISA Kit; CNDP2 (Cytosolic non-specific dipeptidase)/CN2/CPGL/PEPA/CNDP dipeptidase 2/CNDP dipeptidase 2 (metallopeptidase M20 family)/cytosolic nonspecific dipeptidase/Peptidase AGLutamate carboxypeptidase-like protein 1; CNDP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	391
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human CNDP2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.037	0.088	0.164	0.288	0.553	0.965	1.638	2.136

ADDITIONAL INFORMATION

Related Product Information for CNDP2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CNDP2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CNDP2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human CNDP2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CNDP2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	271398277
NCBI GeneID	55748
NCBI Accession #	NP_001161971.1
NCBI GenBank Nucleotide #	NM_001168499.1
Molecular Weight	43,833 Da
NCBI Official Full Name	cytosolic non-specific dipeptidase isoform 2
NCBI Official Synonym Full Names	CNDP dipeptidase 2 (metallopeptidase M20 family)
NCBI Official Symbol	CNDP2
NCBI Official Synonym Symbols	CN2; CPGL; PEPA; HsT2298; HEL-S-13
NCBI Protein Information	cytosolic non-specific dipeptidase
UniProt Protein Name	Cytosolic non-specific dipeptidase
UniProt Gene Name	CNDP2
UniProt Synonym Gene Names	CN2; CPGL; PEPA
UniProt Entry Name	CNDP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cndp2-human-elisa-kits/cytosolic-non-specific-dipeptidase/99851>