

Human Beta-Ala-His dipeptidase ELISA Kit | CNDP1 elisa kit

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CATALOG #
AAA194029

REACTIVITY
Human

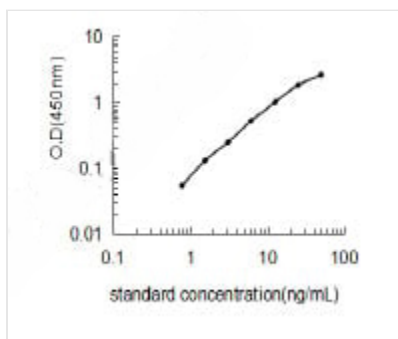
PRODUCT SYNONYMS

Beta-Ala-His dipeptidase; Human Beta-Ala-His dipeptidase ELISA Kit; CNDP dipeptidase 1; Carnosine dipeptidase 1; Glutamate carboxypeptidase-like protein 2; Serum carnosinase; CNDP1; CN1; CPGL2; UNQ1915/PRO4380; 3.4.13.20; CNDP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Beta-Ala-His dipeptidase
Sequence Length	507
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.38 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.2%
Inter-assay Precision	Inter-Assay CV: <=6.6%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNDP1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21071039
NCBI GeneID	84735
NCBI Accession #	NP_116038.4
NCBI GenBank Nucleotide #	NM_032649.5
UniProt Accession #	Q96KN2; Q14D40; Q17S05; Q2TBG0; Q6UWK2; Q9BT98
Molecular Weight	56,706 Da
NCBI Official Full Name	beta-Ala-His dipeptidase
NCBI Official Synonym Full Names	carnosine dipeptidase 1 (metallopeptidase M20 family)
NCBI Official Symbol	CNDP1
NCBI Official Synonym Symbols	CN1; CPGL2; HsT2308
NCBI Protein Information	beta-Ala-His dipeptidase
UniProt Protein Name	Beta-Ala-His dipeptidase
UniProt Gene Name	CNDP1
UniProt Synonym Gene Names	CN1; CPGL2
UniProt Entry Name	CNDP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/cndp1-human-elisa-kits/beta-ala-his-dipeptidase/194029>